ORLANDO Section of IEEE
Goals for 1985-86
July 19, 1985

General

- Set up a phone and answering machine in the Winter Park area for announcements and program reservations.
- Section sponsor a Tutorial on Personal Computers.

Chapters Chairman

- Assist the Treasurer in getting Chapter budgets.
- Oversee the addition of Vehicular Technology (VT) to the Communications Chapter and the formation of a chapter in Electromagnetic Compatibility (EMC) [proposed by Brian Vancata].
- Survey to see if other chapters could be formed.

Secretary

- Support the FCIEEE "Programs Clearinghouse".
- Complete and send to HQs all reports on time.

Awards Committee

- Submit a nomination(s) for IEEE FELLOW (e.g., Russ Thelen).

Membership Development

- Send a letter to new members in the Section welcoming them and extend an invitation to attend the Executive Committee meetings.

Treasurer/Finance Committee

- Complete and send financial report to HQs by the end of Feb.
- Set up a spreadsheet for the Section to be done either by hand or computerized. In addition to the breakouts required by HQs, a simple running total of any unallocated funds (budget) should be kept for each chapter or budget entity.
Goals for 1985-86
(Continued)
July 18, 1985

Publications/Advertising Manager

- Reduce the cost of publishing the Section Notes.
- Add local engineering business managers to the Section Notes distribution list (also update PCiSEE addresses).
- Increase the advertising to off-set publication costs. Look into ways of getting information to companies about being able to advertise (local primary - PC secondary).

Public Relations

- Generate a list of area (counties covered by the section) businesses employing engineers. The list should include the CEOs name and address in addition to a representative that can be contacted with information/requests.

Programs

- Set-up an indoctrination breakfast for the area politicians.
- Have an astronaut as a speaker for a November (?) section meeting.

Student Activities Committee

- Add a "Student Activities" section to the Section Notes.
- Organize a SPAC for UCF students.
- Work with Publications on how the students can use our bulk mailing permit.

Conference Committee

- Organize the committee and review possible conferences for the next 5 years.
- Formulate a bid on a small conference for 1986, if possible.
- Formulate the personal nucleus for the above conference bid and also one for the next conference that is to be bid.
Planning Meeting 1ED

Attendees
Ed Ellis
Carl Schunemann
Geoffrey Dick
Don Malochia
George Track
Frank Flucht

Goals: passed out list of Goals for 1985-86
Carl passed around Certification Form for Dues/Pens. Fund
for signature.

Carl submitted Treasurer's report for year ending July 1, 1985
Position to fill - Proposals

PACE: John Gilbert

Dr. Hardin - Filled in Biographical data

Awards: query Ben Pea - need to get whole thing together

Chair: nom: Fred Wilcox - selected by others

Program: Dennis Blankenship

Publications: Noona Longton - 666546-365-7805

McKie Minchel - overlooked. App. of FTA Highlight C
- starting own business.

Conference Chair: Frank Flucht

Advertising: Alex Martin

Education them - need someone to replace Fred Simon
who is leaving the area.
Discussion of Goals

- Telephone in W.P. Address - G. D. Lee's Home Volunteer
- Answering Machine - Announcement
- In Directory this late Fall
- Need to print out Rates: Residential & Business
- George candy will investigate

- Tutorial in Personal Computers
  led by various town Education Chairman

- Chapters Chairman should get budget of individual chapters into the ex. comm. committee

- Chapter Chairman to activate new chapters
  Vehicular Technology \& cellular Radiotelephone
  Electromagnetic Compatibility (EMC)
  Brain/Neural
  Instrumentation Group
  Need form with 12 signatures

- Secretary IEEE - ELA Council
  Herof yellow copies
  & master schedule - ready to go

- Treasurer - Spread sheet from ELA Council by hand
  Finance Committee

- Publications: Add. Mgr. Combined
  - Alex is new place who can process photos readily
  - reduce cost of printing 704 copies
  - postage has gone up - Alwyne does printing
Section Notes, Contact
Keep abridged Copy of Minutes in Section Notes
Red line (full minute to shorter minute).

Chairman's Column
Meeting Announcements
Advertising - must increase
PACE Column
Synopsis of Financial Report in abbreviated form
New Pub. Chair - review this with Secretary
Agenda for next Executive Committee Meeting
- can be used as an Outline for Minutes
  to appear in Section Notes
  o Survey Business - send copies of section news
    Personal Dept. - for posting in Bulletin Board
    Public Relations
      - good subject of Chairman's Column
        to fill minutes to past meeting at work
        George McClure, very generating list of business.

Program
Dr. Kelly - can get someone picket to speak
  need to start early, July 4th
  Comment
  Meeting Place - in past scheduled year in advance
  New hotel now available
  set up section city
  Sister Politicians - Breakfast
  Few members, Politicians
Student Activities
- Set-up section reserved in Santa Fe Note
- All students on or relay list
- Continue or supplement of students to core section meeting

5 Pac - put on by Head Question
- We would have to start now at 5:30 pm
- Act as catalyst to get it started

Bulk Mail Order
- 2 copies of Known Student mailing
- Could satisfy quantity requirements
- Payment can be made at Post Office
- Will involve no involvement of IEEE Trape
- Pay on your own approach with Post Office
- Alternate Date Process
- Handle mail separately
- Must be approved by Student Advisor
- Chris - 1st advisor
- Don - 2nd advisor

Student Conference
- Need 3 years in advance for big Conf
- Smaller conference in 86
- Committee to form mailing

American Vacuum Society
- 1990 - Service Ultra Service led
- Orlando/Canada possible
- Group has many smaller Conf
- Frank Fleet will start in Sept with Cap committee
Thursday next week
Packet to be rec'd at end of this month

Meet report in Jan 86

Info from yellow sheets goes into report
Make everyone send yellow sheets in

All deceased notices must come from Secretary
to headquarters in hand-written notice

Eugene D. Holt - Don Malocha
Room 250 - 350 B
IEEE ORLANDO SECTION TREASURER'S REPORT
JULY 4, 1985

CHECKING ACCOUNT BALANCE  7/19, 33
JUNE 4, 1985 TREASURER'S REPORT

DEPOSITS:
6-4-85 HP SEMICONDUCTORS ADVANCEMENT  $300.00
RECEIPTS SHOWN IN 6-4-85 REPORT
6-22-85 DREVUS ACCOUNT WITHDRAWAL   1,000.00
DEPOSITED TO CHECKING ACCOUNT.
6-24-85 INSTALLATION BANQUET RECEIPTS  413.50
DEPOSITED BY GEORGE TUCKER
7-3-85 IEEE COMPUTER SOCIETY CHECK,  200.00
PAYMENT FOR NEWSLETTER ADV.

DEPOSITS = $1,913.50

DISBURSEMENTS:
#1207 W. C. CANTW  $22.00
MEMBERSHIP DEVELOPMENT STUDY.
#1210 F. A. FLUBET 6-4-85 EXECUSE  5.58
COMMITTEE MEETING REFUPLAENT.
#1216 POSTMASTERS BULK MAIL ACCEPTANCE UNIT $60.00
DEPOSIT TO PERMIT #3492 ACCT, 6-14-85.
#1212 HARLEY HOTEL OF ORLANDO,  200.00
DEPOSIT ON 6-22-85 IEEE 3-MEET
#1213 HARLEY HOTEL OF ORLANDO  317.72
BALANCE, INSTALLATION COMITTEE 6-22-85
7-4-85 TREASURER'S REPORT—CONTINUED

# 1214 VOID, Spare Check Not Used.

# 1215 POSTMASTER, BULK MAIL ACCEPTANCE UNIT $60.00
Permit #3492 deposit for July mailing

# 1216 ALTAMONTE DATA PROCESSING, $37.47
Invoice #1244 of 6-6-85, newsletter
Labeling, sorting, bagging, delivery to PO.

# 1217 PICKETT PRINTING CO. $729.15
Invoice #23769 of 6-1-85
Printing 1000 Orlando Section Notes

TOTAL DISBURSEMENTS $1431.92

SUMMARY:

CHECKING ACCOUNT BALANCE, 6-4-85 Report $719.33
PLUS DEPOSITS THIS REPORT $1937.50
PLUS CREDIT FOR LOST CHECK $200
(Credit cashed by postmaster)

SUBTOTAL $2692.83

LESS DISBURSEMENTS THIS REPORT $1431.92
CHECKING ACCOUNT BALANCE 7-4-85 $1260.91
PLUS DREYES FUNDS BALANCE $1584.57
GAZETTE FUNDS $2845.48

RESPECTFULLY SUBMITTED:

Carl F. Schumemann
CARL F. SCHUMEMANN
TREASURER.
To: Geof Dick
From: G.K. Huddleston
Subject: New Officers for MTT/APS

The new officers for 1985-86 are:

Chairman: Gene K. Huddleston   Martin Manette Accetta
506 Via Lane                P.O. Box 5822, MP 113
Maitland, FL 32751          Orlando, FL 32855
389-0386                    352-7231

Vice Chairman: Matthew J. Kiss   Martin Manette
7403 Wetherfield Dr.         7777 Wetherfield Dr.
Orlando, FL 32819            Orlando, FL 32819
352-2327                    352-7231

Secretary: Robert Smallwood   Hewlett-Packard Co.
6177 Lake Eleanor Dr.        6177 Lake Eleanor Dr.
Orlando, FL 32819            Orlando, FL 32819
789-2900                    789-2900

G.K. Huddleston
<table>
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<td>FRANK FLUET</td>
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<td>Robert C. Williams</td>
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<td>205 5953</td>
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<td>David E. Flinchbaugh</td>
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<td>Dr. Watson</td>
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<td></td>
<td></td>
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<tr>
<td>George F. McClure</td>
<td>1930 S. Hill St, W.P.A.A. 355-7782</td>
<td>597-5092</td>
<td></td>
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<tr>
<td>Don Malocha</td>
<td></td>
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<tr>
<td>G.K. Huddleston</td>
<td>506 Lice Lane, Neithland 3031 357-7261</td>
<td>389-0332</td>
<td></td>
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<tr>
<td>Geoffrey Diehl</td>
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<tr>
<td>George Trapp</td>
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<td>Mike Haddad</td>
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* How to call? Novel from seatings, LA

* Fill in if changed from previous listing.
IEEE Executive Committee Meeting
Orlando Section

Date: August 6, 1985

Location: Automation Intelligence, 1200 N. Colonial Drive, Orlando

Attendees: George B. Taack, Jr. Frank Fluet
            Donald C. Malocha Ed Ellis
            Carl F. Schumemann Woody Carter
            Geoffrey Dick Keith Thomas
            Alex Marton Tom Doherty
            John Gilbert Robert C. Williams
            George F. McClure David E. Finchbaugh
            Gene K. Huddleston Mike Haddad

MINUTES:

1. The first meeting of the 85 - 86 fiscal year was called to order at 5:30 pm by Executive Committee Chairman George Taack.

2. The minutes of the June 4, 1985 meeting were reviewed by the attendees. A motion to accept the minutes was made by George McClure and seconded by Don Malocha. The motion carried.

3. Treasurer's Report - Carl Schumemann:
   A brief Treasurer's report presented at the abbreviated July 4 Executive Committee planning meeting was made available to attendees. Carl announced that he had received acknowledgement from IEEE Headquarters of last year's financial report. It was noted that this report was prepared with hard work during late hours by various previous chairmen. The section is to receive a rebate for a whole year. The finalized Treasurer's Report date August 6, 1985 was presented and is an addendum to this set of minutes. Ed Ellis moved, and Frank Fluet seconded a motion to accept the report as presented. Motion passed.

4. Vice Chairman's Report - Don Malocha:
   Notification of new officers for this year was mailed into Piscataway nearly a month ago. A packet from Headquarters should be received in September by the new secretary.

5. Chapters' Chairman Report - Geoffrey Dick
   Geoffrey will continue to hold the position of Chapters' Chairman Representative and Secretary until the former position can be filled. Chapter representatives are requested to get together after the meeting to elect a new representative.

6. Chairman's Notes - George Taack, Jr.:
   A meeting was held by the Executive Board officers on July 16, 1985 to establish goals for the 1985 - 1986 year. A listing of the goals are attached and remunerated in this set of minutes.
Goals for the 1985 - 1986 year are as follows:

A. The Chairman proposes establishing an IEEE phone line in the Winter Park area to set up announcements of Section and chapter meetings. The Winter Park/United Exchange service area is preferred over an Orlando-based phone because the former covers a larger toll-free area extending north through Sanford. Cost would be $49.00 per month for a 2nd residential line in a Winter Park home. A commercial line would be more expensive. The installation charge would be a maximum of $65.00 if a jack must be installed. There is an initial charge for an answering machine having a trip mechanism to call up and recover reservations by the Program Chairman. If this item is approved by the Executive Committee by the next meeting, it could become listed in the Fall issue of the telephone book as the "IEEE Information Line". If the proposal is not funded by the next meeting, then it can be considered at any time, since it will not be listed in the telephone book until the following year.

B. The forthcoming year is to have an IEEE-sponsored tutorial on personal computers. This item has been successful in a few other IEEE Regions. For the local members it can be a worthwhile project.

C. The Chapters Chairman Representative this year will have some additional jobs to perform.

1) He will assist the Treasurer to get proposed chapter budgets submitted by the next meeting. This is especially important this year because we are now in a leaner position than the last few years and we must plan in advance to avoid big expenditures. Chapter budgets must be submitted first, so that the overall plan can be put together.

2) He will establish, this year, a Vehicular Technology Group. Headquarters still lists Orlando as having a Vehicular Technology Chapter although it is not active. It is proposed that the Chapters Chairman establish a combined group with the Communications Society until the new chapter can stand on its own. Overlap in the Cellular and Mobile Radio fields give some commonality. Ed Ellis volunteered to start a petition for new members.

3) The Chapters Chairman will attempt to establish a new Chapter in Electromagnetic Compatibility (EMC-27). Brian Vancata, at the last meeting, expressed interest in forming this Society. The Chapters' Chairman is requested to give him any assistance he might need.

NOTE: George McClure reported that he has a petition with 6 signatures to add to Brian's petition. Twelve are needed to form a chapter. Last time only 11 were assembled, however, Brian was not in the area then. Assuming none have left the area, a letter Brian has mailed out to all local EMC Society members may pay off.
MINUTES OF Aug 6, 1985 - Continued:

D. The Secretary this year is requested to send FCIEEE copies of yellow chapter report sheets to the Florida Council. This is to be used to publish a booklet that comes out several times a year identifying what meetings are held by local chapters. This booklet contains useful information such as names of speakers, addresses, telephone numbers, and topics that may be of interest. Chapters are requested to include all this information on the yellow form which it to be submitted to the Orlando Secretary soon after each meeting.

E. The Awards Committee is requested to turn in nominations for IEEE Fellows earlier this year so that they can be reviewed in a timely manner.

F. Woody Carter is presently heading the Membership Development Committee and is requested to continue his fine work in this area.

G. Two goals of the Chairman this year are to reduce the cost of publishing the Section Notes, and to increase the amount of advertising to offset the cost of the publication. Florida Council is now considering a proposal to accept mass advertising for chapters local publications.

H. A goal of the Programs Chairman this year is to obtain an Astronaut as a guest speaker for a November Section meeting. The wives of IEEE members would especially enjoy a presentation by a female astronaut if one can be obtained. Conrad Blankanzer, Program Chairman, may contact Dave Finchbaugh who has volunteered to help in lining up a speaker.

I. Since we are sending Section Notes to IEEE students, a new goal for this year proposes that student activities be published along with regular area activities.

J. It is proposed that the Orlando Section should help organize in the September/October time frame, S-PAC for UCF students. This requires a long lead time to plan for, as it is scheduled to take place by the end of Spring Semester.

K. In the last meeting, student use of our bulk mailing permit was approved. A goal for this year would be to work with students to allow committee approved publications to be distributed via this method.

L. Frank Fluet, Chairman of the new Conference Committee, is to organize the committee and review possible conferences for the 5 years. A short term goal is to bid on a small conference for 1986.
7. Public Relations - George McClure

We need to get moving again on lining people up for the Speakers Bureau. The IEEE Professional Activities Committee for Engineers is pushing for volunteers in this area.

At a recent Florida Council training session a slide presentation was given describing PAPE. This would be useful to show to a student group as it brings out some of the IEEE activities that many are not aware of, such as peer, job listing activity, wage survey, pension benefits, and technical items that would be of ultimate use to them, and might encourage some students to join. The slide presentation was borrowed from the Washington Office.

8. Publications - Alex Marton

There are many ways to reduce the cost of publishing the Section Notes. One way is to develop a philosophy of what we are to print. For example, we could limit publishing the extensive minutes and Treasurer’s report. We could have one sheet folded over with letters from other sections. Alex reported that he needs some relief from this position. With increasing work he has less and less time to devote to this effort.

NOTE: Deadline for publication notices are the 15th of the month.

At this point in time a number of Executive Board members commented that the Section Notes have been "well done" under Alex Marton’s tenure. It was agreed that the extensive minutes report is a duplication of the individual mailings. George McClure suggested that we try on a one-shot basis, a mailing of a rate card for advertising, claiming that we have a thousand engineers in central Florida. We could mail out to electronic repairmen, to banks, people who are interested in administering 'Do-it-yourself' IRA Funds, travel agencies, headhunters, and anybody who sees a group of well-educated engineers as a target for their goods or services. Don Malocha suggested that with students now receiving copies of the Section Notes, that the audience is larger, and competitive with newspaper rates. Carl Schumeman commented that representatives of the Connector Study Group could be principles for advertising in our publication. The sales reps. could publish their cards in one or two pages of advertising. George recalled another source listing for possibilities is the up and coming Southcon attendance listing which is more current than the one two years ago. All we need to do is publish a one or two page brochure explaining the opportunity, and summarizing what takes up our membership and where they are. The cost of doing this would be a nominal thing, about $100, for printing and postage, plus time for someone to assemble it. The revenue return on this would more than pay for itself.

9. Advertising - John Gilbert

This position is open for a replacement on the Executive Committee, along with Publications, Education, and Florida Engineering Society Representative.
MINUTES OF Aug 6, 1985 - Continued:

10. Awards - Dr. Ben Patz (Absent)

Frank Fluet reported for Dr. Patz who was absent. Awards received from IEEE Headquarters were presented:

Alex Marton Certificate in recognition and appreciation of valued services as Publications Chairman of Orlando Section

Dr. Deen Khandelwal Certificate in recognition and appreciation of valued services as Chairman for IEEE Bi-Centennial Committee

Dr. Don Malocha Certificate in recognition and appreciation of valued services as Student Activities Advisor & Section Secretary

Frank also submitted a book to the Chairman sent from IEEE Headquarters titled 'Salary and Fringe Benefit Survey'. A request was made for one before it was published. Each Section is entitled to have one. This book will be available to anyone who wants to borrow it.

Another item presented to Executive Board by Frank was a copy of the Tokyo Section Notes. (This magazine, called Denshi Tokko is as big as the 'Spectrum' and is published in English.)

10. Education - Dr. Harden - Absent

11. PACE - John Gilbert

Vern Powers, of South Brevard is running for Office of Vice Chairman of Region 3 and he would like our support. In John's opinion, he would make an excellent choice if someone from our area does not run for the same office.

An item of importance to our members and engineers in general, is a bill in Congress to obtain additional money by taxing life insurance policies. It has been proposed that as the value increases every year each holder will be required to include that increase on his income tax form as taxable income, although one has accrued, but not actually collected the amount. Being considered are annuities, whole life insurance, pension plans, fringe benefits, hospitalization, and real estate tax deductibles.

Ed Ellis suggested that a quarter or half page be devoted in the next Section Notes to notify our members of this bill in Congress. Names and addresses of Representatives to write should be included.

Dave Flinchbaugh suggested that a position article should be written for a National publication, PACE, along with the Section Notes.

The bill needs to be identified as a provision of the Bill for Tax Reform, if that is what it is.
MINUTES OF Aug 6, 1985 - Continued:

14. Student Activities - Dr. Don Malocha

This summer $200 was raised at a car wash. Students will be getting more active now that summer break is over. A raffle this Fall will raise more money for the student branch. A goal for this year is to finish the satellite receiver project. A Digital Club and a Calculator Club will be of interest to many students this year.

15. Education - Position Open

Fred Simons is leaving the area. He has accepted a position at Florida State. Don Malocha will write him, in appreciation of the exemplary service he rendered to the IEEE Orlando Education Committee.

16. AESS -- Dr. Dave Flinkbaugh

The Aerospace and Electronic Systems Society is planning to have two meetings before the end of the year. Dave is hoping to line up the Director of Office of Innovative Technology to be the speaker for the first meeting in September or October. For the second meeting, Dave will try to get the Director of the Regional Office of the Executive Intelligence Review who has a unique slide presentation on Soviet arms buildup.

17. Membership Development -- Woody Carter

The membership continues to climb about 25 people per month. At present it is 25 people less than the maximum of 1849.

18. SOUTHCOD -- Ed Ellis

A meeting was held by the SOUTHCOD Committee 2 weeks ago. The bulk of the conference work will be done by people at UCI. By working on the Attendance Committee, Ed is hoping to pick up information on bringing conferences into this area. SOUTHCOD will be in March of 1986. Two dates are being considered at this time; details will appear in about 2 months when mailings go out.

19. Conference Committee -- Frank Fluet

The Conference Committee is made up of: Frank Fluet (Chairman) T.E. (Ed) Ellis John Gilbert Conrad Plankanzee Bruce E. Mathews

Plans are to investigate conferences for Sonics and Ultrasonics, Vehicular Technology Society in 1986, American Vacuum Society, Power Engineering Society in 85/86 or 89/90. The Conference Committee held a brief meeting for those present at the end of the Executive meeting, to review packet materials sent from Headquarters. Another meeting will be set up in September to review plans in more detail.


22. AP/MTT - G. Huddleston

Nine meetings are planned for the year beginning with a program by Dr. Ken Carr, MTT National Lecturer, speaking on Microwave Detection and Treatment of Cancer on October 3. This meeting could be a joint meeting, held at Hewlett Packard in Orlando Central Park. A budget has been submitted to Carl Schumman to cover the expenses for the lecturer. Mailing labels have been requested for chapter members.

23. Power Engineering and Industry Applications Group - Mike Hadad

A technical meeting is scheduled for Thursday September 19, at Westinghouse Quadrangle. Reem Shron, Patent Attorney, visiting from Pittsburg, Pa. will speak on 'Everything You Wanted to Know About Patents'. Conrad Blankenese, will be contacted to make this a Joint Section PE & IA meeting. A tentative plan is to have dinner at Michaels Pizza beforehand.

24. Sonics and Ultrasonics - Don Malocha (Acting Chairman)

A letter was sent to all existing members in the area telling them that we have officially organized. Tom Doherty has volunteered to be an officer. The National Society has volunteered $250 to get things started. The National Lecturer wants to come down here.

25. Florida Council - George McClure

There is a campaign afoot in Florida Council to get Florida Chapters to switch to a standardized calendar year. Some Chapters start their year after a break in Summer as we do; some start at the calendar year, and the Florida Council starts at the calendar year. One major advantage is that all the major officers will have all the information to write the year-end reports, whereas now one must go to his predecessor to find out what happened during the first six months of the year. This would simplify life for the Florida Council training sessions for officers. Only one training session a year would be needed.

26. Next Meeting


27. Adjournment

John Gilbert moved for adjournment.

Respectfully submitted,

Geoffrey E. Dick
Secretary

AUG85.MTG Pag 7 of 7
IEEE ORLANDO SECTION
TREASURER’S REPORT
AUGUST 6, 1985

Checking Account Balance,
July 4, 1985 Treasurer’s Report $1,260.91

DISBURSEMENTS:

#1218 Frank Fluet, Installation
Banquet Awards $49.24

#1210 Ed Ellis, Reimbursement
for 7/18/85 Executive Committee
Meeting Refreshments $10.50

Total Disbursements: $39.74

SUMMARY:

Checking Account Balance, 7/4/85 Report
Less Disbursements $59.74

Checking Account Balance
per 7/31/85 Barnett Bank Statement $1,201.17

Dreyfuss Fund Balance, 8/6/85

Gross Funds: $2,828.63

Respectfully submitted,

Carl T. Schumemann
Treasurer
MEMBERSHIP DEVELOPMENT COMMITTEE REPORT
FOR JULY 1985

Letters of welcome were sent to the 'A' and 'E' categories below. Letters of concern were sent to the 'K' category below.

The total active membership is 1022 as of 5-31-85, up from 997 last month but still down from 1049 as of 1-31-85. This is due to the continuing effect of the dues arrears not yet paid up.

The following statistics are derived from the "Membership Changes and Additions" for the indicated month:

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W. C. Carter
Membership Development Chairman
ORLANDO Section of IEEE
Goals for 1985-86
August 5, 1985

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- Set-up a phone and answering machine in the Winter Park area for announcements and program reservations.
- Section sponsor a Tutorial on Personal Computers.

Chapters Chairman
- Assist the Treasurer in getting Chapter budgets.
- Oversee the addition of Vehicular Technology (VT) to the Communications Chapter and the formation of a chapter in Electromagnetic Compatibility (EMC) [proposed by Brian Vancata].
- Survey to see if other chapters could be formed.

Secretary
- Support the PCIEEE "Programs Clearinghouse".
- Complete and send to HQs all reports on time.

Awards Committee
- Submit a nomination(s) for IEEE FELLOW

Membership Development
- Send a letter to new members in the Section welcoming them and extend an invitation to attend the Executive Committee meetings.

Treasurer/Finance Committee
- Complete and send financial report to HQs by the end of Feb.
- Set-up a spreadsheet for the Section to be done either by hand or computerized. In addition to the breakouts required by HQs, a simple running total of any unallocated funds (budget) should be kept for each chapter or budget entity.
Goals for 1985-86
(Continued)
August 5, 1985

Publications/Advertising Manager

- Reduce the cost of publishing the Section Notes.
- Increase the advertising to off-set publication costs. Look into ways of getting information to companies about being able to advertise (local primary - FC secondary).

Programs

- Set-up an indoctrination breakfast for the area politicians.
- Have an astronaut as a speaker for a November (?) section meeting.

Student Activities Committee

- Add a "Student Activities" section to the Section Notes.
- Organize a SPAC for UCF students.
- Work with Publications on how the students can use our bulk mailing permit.

Conference Committee

- Organize the committee and review possible conferences for the next 5 years.
- Formulate a bid on a small conference for 1986, if possible.
- Formulate the personal nucleus for the above conference bid and also one for the next conference that is to be bid.
September 3, 1983

IEEE SONICS & ULTRASONICS CHAPTER
ORLANDO SECTION

OFFICERS 1985-86

Chairman: Donald C. Malocha  
Hon Sec  Work  862-5693  275-2414

V-Chairman: Thomas Deherty  
273-0065  156-6272

Secretary: Sunder Gopani  
885-7733  886-8860

1985-86 BUDGET

1. Travel expenses; (50% x 2) x 6 = $66.00
2. Refreshments for meetings; (4 x $25.00) = $100.00
3. Outside speaker or one day seminar = $250.00

TOTAL = $416.00

National S&E Contribution = $250.00
Orlando Section Contribution = $166.00

Tentative Programs and Meetings

October 28- Microelectronics Program and Research at the University of Central Florida
November 25- Bulk Acoustic Wave Technology
January ??- S&E National Lecturer: Transducers, Sensors & Actuators
February ??- Speaker and topic TBD
March ??- Surface Acoustic Wave Technology
April ??- Piezoelectric Transducers for Underwater Applications
IEEE MEETING NOTICE
September 3, 1985

Sponsors:
IEEE SONICS & ULTRASONICS SOCIETY
IEEE ELECTRON DEVICES SOCIETY
IEEE STUDENT CHAPTER

Date: Monday, October 28, 1985

Place: University of Central Florida Center for Engineering and Business Administration
Room information to be posted at entrance

Time: 6:00 P.M.

Topic: MICROELECTRONICS PROGRAM AND RESEARCH AT THE UNIVERSITY OF CENTRAL FLORIDA

Speakers: Donald C. Malocha, Associate Professor, Electrical Engineering & Communication Sciences Dept., University of Central Florida

ABSTRACT

In 1982 the University of Central Florida began a microelectronics program to provide instruction at the undergraduate and graduate levels, to promote UCF research in this area and to provide industrial interactions with local and national high technology industries. A microelectronics laboratory has been built in which semiconductor devices, thin film devices and surface acoustic wave devices have been successfully designed, fabricated and analyzed. The Solid State Devices Laboratory (SSDL) has been established, which supports research activities in solid state devices and communication systems. SSDL currently consists of four faculty and nine graduate students. In January, the fabrication laboratory is scheduled to move into a new 1600 sq. ft. clean room facility.

The meeting will discuss UCF's microelectronics program, past, present and future; the new facilities to be established and the present and future research directions of the Solid State Devices Laboratory. A number of other UCF faculty and students will be present and an open discussion will follow the meeting.

All members are invited and industrial representatives are also invited. For information contact Don Malocha (275-2414) or (275-2785).

***** Refreshments will be served at the meeting. *****

ieeesuf05.us
Data Communications and Networking for the IBM PC and Other Personal Computers

DATES
- Seattle, September 30-October 1
- Dallas, October 10-11
- Philadelphia, October 21-22
- Orlando, November 4-5
- San Francisco, November 16-18
- Raleigh, NC, November 25-26
- Washington, D.C., December 5-6
- Denver, December 12-13

TOPICS
- Common Interfacing Pitfalls
- The Asynchronous Connection
- The Synchronous Mainframe Connection
- Hardware Restrictions
- Data Integrity
- Security
- Personal Computer Networking
  - Multiuser systems
  - PBX, CBX and DBX
  - The local area network
  - Electronic mail systems
  - Network Hierarchical Structures
Data Communications and Networking for the IBM PC and Other Personal Computers

WHAT'S HAPPENING?

IBM PCs have been introduced into many major organizations by the hundreds with little concern for integration and network planning. Data communications technology can provide a bridge between otherwise incompatible hardware and software. Data communication and networking are critical in closing the gap between the PC and the mainframe. In this mode it is possible for the PC to offload files from the mainframe for spreadsheet, word processing, relational database management and even data entry and update.

WHO SHOULD ATTEND

This seminar is designed for managers, technicians, and professionals at all levels who are involved with the planning for and use of personal computers or communication technologies. No prior knowledge of personal computers or data communications is required.

WHY YOU SHOULD ATTEND

This seminar will provide you with real-world techniques and PC communications case study practices. Practical alternatives for personal computer to personal computer communications as well as stand-alone processor to personal computer communications will be presented. Local Area Networks (LANs) have evolved as a means for sharing peripherals; reducing costs and increasing productivity; and enhanced backbone for existing PC LANs will be presented and evaluated. The integration of individual personal computers and networked machines with existing mainframes is a vital organisational strategy. There now exist software communications packages, gateways, and protocol converters which link stand-alone personal computers, small networks of micros and large mainframe networks. This class will explain the hierarchical approach to networking which can accommodate distributed computing.

Organizational policy issues concerning the selection and installation of personal computer networks and their integration with existing communication networks are plaguing many companies; or are the data integrity issues associated with distributed processing. This intensive, two-day seminar is designed to address management and personnel policy questions as well as explaining the technical problems and their solutions.

YOU WILL LEARN:

- Data communications terminology and techniques
- The asynchronous connection
- The synchronous mainframe connection
- Hardware architectures and common interfacing pitfalls involved in integration projects
- PC to PC file transfer
- Personal computer networking alternatives:
  - Multisite
  - SLS, CIX and IBX
  - The Local Area Network
- Electronic mail systems
- Organizational policy issues including:
  - Data Integrity
  - Security
  - Network hierarchical structures

FACULTY

FRED STERN
Dr. Fred Stern, President of Fourth Generation Systems, presents seminars to over 3,000 people a year. He is an authority on personal computer and data communications and is the author of 'Word Processing and Beyond,' an Introduction to Personal Computing. Dr. Stern received his Ph.D. from the University of Rhode Island.

PIETER HARTSOOK
Pieter Hartsook is a Senior Associate at Fourth Generation Systems with a Master's Degree in Information Sciences. He previously served as Assistant Director of Information Sciences at Howard University where he introduced PC and provided a support structure for their use. His background includes the development and implementation of major PC communication interfaces.

GARY MIRKONS
Gary Mirkons, a Senior Associate at Fourth Generation Systems, has over fifteen years of experience in the computer field. He has previously worked with General Instrument Corp., and the University of Florida and is now head of Information Processing for the Florida Public Services Co.

LARRY JORDAN
Larry Jordan, Director of Computer Applications for MIS Corporation, is the co-author of the bestselling personal computer book Communications and Networking for the IBM PC. He is a communications and networking consultant editor for PC World magazine and recently published an unattended communications software package called ICOMM.

Have you considered bringing this seminar to your site? Call (617) 475-3870 for information.
SEMINAR OUTLINE

1. Introduction to Data Communications
   a. History
   b. Definitions and Terminology
   c. Standards, Organizations
   d. Equipment Overview
   e. IT Background

2. Data Transmission
   a. Line Datastructures
   b. Code Sets and Control Functions
   c. Asynchronous and Synchronous Transmission
   d. Protocol and Handshaking

3. The Data Channel
   a. Basic Modem Concepts and Basics
   b. Modulation and Demodulation
   c. Asynchronous and Synchronous Modems
   d. Modern Modems (V.34, Anchor, SOS, Omnet, etc.)

4. Transmission Integrity
   a. Error Handling
   b. Copying
   c. Cyclic Redundancy Checking
   d. Encryption

5. Communications Protocols
   a. Asynchronous
   b. Block (Synchronous or Modern
       EISA, X10, XDC, etc.)
   c. Synchronous Byte (IEEE)
   d. Synchronous Bit (X10)
   e. Other

6. PC to PC Communications
   a. Operating System Utilities
   b. Communication Options
   c. Communication Software
     (Modern/7 BLAST/SMARCOM
      /PC-TALK/ACCESS)
   d. Link to Link and Parallel PC and
      Standalone Word Processors
   e. Bulletin Board and Electronic Mail
      Applications

7. The PC Mainframe Link
   a. Asynchronous Terminal Emulation
     (IBM, Digital DEC, etc.)
   b. Protocol Conversion
   c. Integrated Link (Information
      Transfer and File Transfer)
   d. Link to the Mainframe Terminal
      Manager (IBM/DEC/HP/HPnet, etc.)
   e. Link to and from Spreadsheets and
      Word Processors

8. Network Services for Personal Computers
   a. The Common Carriers
   b. Value Added Carriers
   c. Packet Network (Internet
       /Sytem, Telnet, Net-1000)
   d. Local Area Issues
       (Source, Computer, New Jersey, etc.)

9. Reducing Line Costs
   a. Colored Lines
   b. Dial-Out Leased Lines
   c. Time Division and Frequency
      Division Multiplexing
   d. The Intelligent BIX

10. PC Network Alternatives
    a. Multiport Super Micro
    b. Telecommunication Sets
    c. The PBX, CNX, and BIX
    d. The Local Area Networks

11. Local Area Networks
    a. MODERN/7/BLAST/SMARTCOM
    b. PC TALK/ACCESS
    c. Token Ring/NetWare/PCnet
    d. LAN Hardware and Network Design
        Considerations

12. Data Communications and Policy Issues
    a. PC Data Constraints Issues
    b. File Uploading and Downloading
    c. Data Integrity Concerns

13. Summary and Conclusions

To Register: See Back Cover or Call (617) 470-3000.
Tuesday
September 24, 1985

9:00 a.m.-12:00 Noon—Concurrent Sessions

SESSION 3—MATERIAL PROCESSING
Chair: Spencer Hackney, Jr., Interisk Services Corporation, Rolling Hills, CA.
Proceeding methods involving injection molding, shaping memory alloys will be covered in this session, and the use of laser raw materials will be explored.

"Innovations in Aircraft and Spacecraft Structure," Dale E. Greisinger, Manufacturing Tech., Boeing Aerospace Company, Seattle, WA.
"The Use of Shape Memory Alloys in Aerospace Applications," Paul H. Cudor, Post Graduate Research Scientist, Caltech Space Institute, University of California, Pasadena, CA.

SESSION 4—ARTIFICIAL INTELLIGENCE AND ROBOTICS I
Chair: David E. Flinchbaugh, PE, CMfgE, Senior Staff Scientist, McDonnell Douglas Astronautics Company, Orlando, FL.
This session on Artificial Intelligence and Robotics (and Session 7) will enable you to hear presentations on the latest developments in these exciting technologies and their application in space and ground systems. The unique applications of robotics required in order space will be covered. In addition, the development of expert systems and telecommunications for data management, inspection, maintenance, and wiring space systems in hostile environments will be discussed.

"Exper Systems Data Management System Requirements for Space Station," D.C. Augustine, and C.D. Brownfield, Space Station Systems Division, Rockwell International, Downey, CA.
"Recent Advances In Teleoperation: Implications for the Space Station," D.L. Rhoads, Project Manager, Space Station Systems Division, Rockwell International, Downey, CA.
"Robotic Redundancy Inspection of Aerospace Structures," C. Wolman and W. Tech, Senior Research Scientists, Johnson Environmental Energy Center, University of Alabama, Huntsville, AL.

SESSION 5—MATERIAL APPLICATIONS
Chair: Lawrence J. Korb, Supervisor, Materials and Processes Branch, Rockwell International, Space Station Transport, Systems Group, Downey, CA.
Materials used for boosters, spacecraft, satellites, telemetry vehicles and the space station will be discussed. In a variety of hostile environments such as in space, the design of materials is the key to their success. Challenges to developing and manufacturing advanced materials and their solutions are presented in this session.

"The Environmental Test and Life Cycle Analysis of the Failure of Two Auxiliary Power Units of the Space Station Columbia," L.L. Korb, W.G. Williams, D.C. Augustine, and C.D. Brownfield, Space Station Systems Division, Rockwell International, Downey, CA.
"Military Application of System Requirements and Challenges on the Operational Space Station," Harley J. Rockwell, Project Engineer, Space Station Systems Division, Rockwell International, Downey, CA.

SESSION 6—SIMULATION AND SOFTWARE
Chair: David L. Judson, Manager, Integrated Information Support Systems, Project Wright Patuxent FB, OH.
A diverse set of information support systems and data management technologies is required to support advanced simulation for integrated space functions. The presentations in this session will share some of these applications.

"Reconfigurable and Reusable Space Shuttle Data Capture System," J.J. Samlin, and J.L. Fain, Hughes Aircraft Company, Newport Beach, CA.

"Expert Systems Data Management System Requirements for Space Station," Richard B. Fuller, Project Manager, Space Station Systems Division, Rockwell International, Downey, CA.
"Orbital Pneumatic Vehicle Simulator," William J. Crighton, Space Station Transport, Systems Group, Downey, CA.
"A Two-Dimensional Radar-Infrared Tracking System," Donald C. Wilson, Engineer, and Philip C. Lipson, Advanced Systems Engineer, Lockheed EDS/GNOC, Houston, TX.
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, September 3, 1985
5:30 PM

at

Automation Intelligence
1200 W. Colonial Drive
Orlando, FL 32804
943-7830

Respectfully,

Geoffrey E. Dick
Secretary, IEEE Orlando Section
### IEEE Orlando Section Executive Committee Meeting

**DATE:** Sept. 3, 1985

**NOTE:** List your phone/address if:
1. New/first time attendee
2. Change
3. New address preference to send copy of minutes of this meeting

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS/M.H.P.</th>
<th>ZIP</th>
<th>OFFICE PHONE</th>
<th>HOME PHONE</th>
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<tbody>
<tr>
<td>Geoffrey Dick</td>
<td>1014 Carroll Drive W/P</td>
<td>32792</td>
<td>356-7752</td>
<td>675-0379</td>
</tr>
<tr>
<td>George H. Track</td>
<td>4 Robinwood Drive L/D</td>
<td>32779-948</td>
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<td>321-0319</td>
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<tr>
<td>Don Masocha</td>
<td>499 Baytree Ln.</td>
<td>32797</td>
<td>275-2314</td>
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<td>Quad Fl.Inst</td>
<td>9908 Anchorage</td>
<td>32894</td>
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<td>996-3521</td>
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<tr>
<td>H.L. Brown</td>
<td>816 Castle Drive</td>
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<td>768-8623</td>
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<tr>
<td>Carl F. Schrader</td>
<td>2111 Sherwood Drive L/D</td>
<td>32751</td>
<td>351-7207</td>
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<td>Woody Carter</td>
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<td>Mike Heil</td>
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<tr>
<td>Brian Vanatta</td>
<td>533 Jennie Jewel Pl.</td>
<td>32706</td>
<td>357-6226</td>
<td>857-5577</td>
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<tr>
<td>Ann Lauer</td>
<td>5300 Edmond Pl.</td>
<td>32702</td>
<td>357-3713</td>
<td>367-1113</td>
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<tr>
<td>John Elliott</td>
<td>2234 Hickory Av.</td>
<td>32766</td>
<td>452-3477</td>
<td>959-5042</td>
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<tr>
<td>Fred Wachsmann</td>
<td>305 317 Purdue</td>
<td>32280</td>
<td>357-3651</td>
<td>831-2014</td>
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<tr>
<td>Warren TePe</td>
<td>420 N. Magnolia N. Hwy.</td>
<td>32811</td>
<td>423-3434</td>
<td>851-3212</td>
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<tr>
<td>Steve Hurley</td>
<td>1439 Township St.</td>
<td>32768</td>
<td>244-1666</td>
<td>246-2211</td>
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<td>Jorge Medina</td>
<td>2001 N. Palms Dr.</td>
<td>32238</td>
<td>357-8680</td>
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<td>David Flinchbaugh</td>
<td>UCF Electrical Eng.</td>
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<td>Ben Pool</td>
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**Attendee, IEEE**
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<tr>
<th>Position</th>
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<tbody>
<tr>
<td>Chairman</td>
<td>George Taack, Jr.</td>
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<td>V. Chairman</td>
<td>Don Malocha</td>
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<td>Secretary</td>
<td>Geoffrey E. Dick</td>
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<td>Treasurer</td>
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<td>Chapters Chair.</td>
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<td>Jr. Past Chair.</td>
<td>Frank Fluet</td>
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<td>Sr. Past Chair.</td>
<td>T. Ed Ellis</td>
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<td>Conrad Blankampe</td>
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<td>Public Relations Chair.</td>
<td>George McClure</td>
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<td>Publications Chair.</td>
<td>Alex Harton</td>
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<td>Awards Chair.</td>
<td>Ben Patz</td>
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<td>Fl. Eng Soc Lia Chair</td>
<td>John Harden</td>
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<td>FAC Chair.</td>
<td>John Gilbert</td>
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<td>Student Act. Chair</td>
<td>(Don Malocha)</td>
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<td>Education Chair.</td>
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<td>Membership Dev. Chair</td>
<td>Woody Carter</td>
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<td>SOUTHCON Chair.</td>
<td>(Frank Fluet)</td>
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<td>Advertising Mgr. Chair</td>
<td>(John Gilbert)</td>
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<td>Historian</td>
<td>Russel E. Theisen</td>
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<td>Member at Large Chair</td>
<td>Joe Massett</td>
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<td>AES Chairman Chair</td>
<td>Dave Flinchbaugh</td>
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<td>COM SOC Chair</td>
<td>Jorge Medina</td>
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<td>Elect. Dev. Chair</td>
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<td>G. Keith Huddleston</td>
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<td>FE/IAS Chair.</td>
<td>Mike Haddad</td>
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<tr>
<td>Sonics &amp; Usonics Chair.</td>
<td>(Don Malocha)</td>
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IEEE Executive Committee Meeting
Orlando Section

Date: September 3, 1985
Location: Automation Intelligence, 1200 W. Colonial Drive, Orlando

Attendees:  
George B. Taack, Jr.  
Don Malocha  
Carl Schunemann  
Geoffrey E. Dick  
Conrad Blankenship  
Hal Brown  
Woody Carter  
Ed Ellis  
G. Keith Huddleston  
David Flinchbaugh  

Frank Fluet  
Mike Haddad  
Brian Vancata  
Nora Lawton  
John Gilbert  
Warren Tedder  
Steve Forstythe  
Jorge Medina  
Ben Patz  
Fred Wachsmann (Guest)

MINUTES:

1. The meeting was called to order at 5:45 by Executive Committee Chairman, George Taack. A quorum was present.

2. Minutes of the last Executive Meeting were passed out for those present to review. Acceptance vote was deferred until later in the meeting.

3. Treasurer's Report - Carl Schunemann:
Carl pointed out an error on the August 5, 1985 Treasurer's Report. The "Gross Funds" sum total should be $2,926.85. In a summary of current bills accumulated, Carl expressed some concern about the drain of the treasury created by the Section Notes. Costs are averaging $700 per month. With our treasury sitting at $3970.51, it will take only a few months for the newsletter to place the Section in a financial crisis.

Chairman George Taack agreed, that the Section Notes and programs are the two biggest budget areas. This is the prime reason for all budget requests to be submitted at this meeting, so that we can plan and avoid a problem later. The Chairman requested that the Finance Committee hold a meeting before October. The first half year IEEE rebate was $1052.96. A question was raised as to when we will see the second half rebate from IEEE. The importance running Conferences as a fund raiser was mentioned, but return from this area would be a two years away. Ed Ellis suggested publishing one issue less Section Notes around December to help the budget situation. Frank Fluet offered the suggestion to circulate flyers every other month in place of the Section Notes to reduce cost. Geoffrey Dick suggested we work more on advertising to subsidize the newsletter. More discussion was reserved for 'Old Business'.

A motion to accept the Treasurer's report was made by Don Malocha and seconded by Nora Lawton. Motion passed.
Minutes of September 3, 1985 - Continued:

4. Programs - Conrad Blankanze
A Joint meeting organized by Loren Anderson is planned between AGME, ATAP, and IEEE. Representative John Mills from Tallahassee has been invited to speak on either January 16, 21 or 23, 1986. This will be a large meeting for about 200 people to attend. The Awards Banquet will be around mid-February during 'Engineers Week', and the Spring Banquet is to be scheduled for March, 1986.

5. Public Relations Chairman - George McClure - absent
George was at a PACE meeting this past weekend. His report is forthcoming. George sent word that the Washington PACE Office is offering an IEEE Guide for Employment for Engineers and Scientists that is free to all IEEE unemployed engineers, and is available at a cost to employed engineers. Ed Ellis reported for George that Public Relations will not submit a budget this year in hopes to keep expenditures a minimum.

6. Publications - Alex Marton - absent
Alex was unable to get the PACE notice in without adding 4 pages to it. The Section Notes was held to a small size to keep down costs. Postage jumped from $39.39 to $65. Altamonte Post has increased charges from $19.97 to $12.90. There are some additional charges for first class foreign mail of $17.85, it was decided that payment on the foreign charges will be withheld until they could be explained. All submittals for the Section Notes are due on the 15th.

7. PACE - John Dilbert
There is $300 outstanding reimbursement for Section Notes articles. John Miller says PACE advertising will be paid for. For this reason we should not omit, or cut back on PACE items in our newsletter. All we need to do is send a copy of the article plus a statement to PACE.

John reported that he prepared a written article relating to impending legislation on taxing life insurance policies. At the request of the Executive Committee, John identified the names of the Bill and sent the article to be published in our Section Notes for general membership, to John Miller, PACE Chairman, and a copy to Herb Haire. John called Senator Paula Hawkins office to find out more, and Senator Hawkins returned a letter dated August 21, stating that there are a series of bills relating to the tax reform act. The Senator included a copy of the first two bills listed below:

Gephardt Bill   H.R. 800  Pertains to insurance.
Bradley Bill   S. 409  Eliminate most credits
deductions, and exclusions
Kemp-Castan Bill H.P. 222  Another 'Age Indexed Tax' /S.B.1096

John stated that it is important that we contact our legislators on how we feel about paying yearly taxes on whole life insurance policy growth in the form of annuities and endowments. John further stated that it is important that we not underestimate our ability to influence legislation, as PACE did help bring IRA savings into reality.
8. Student Activities - Don Malocha
Operating funds were raised by selling computer 'floppy disks'. A picnic will be held on Saturday, September 7 on Lake Claire near UCF. The student chapter needs $250 for the TVRO project.

9. Membership Development - Woody Carter
Our membership increased 27 this past month, bringing our membership up to 1049. This includes student members and retired. Our September Section Notes mailing was 1290. The previous month had 1196 printed, 1975 mailed and labeled. Student membership is 229 at the 1049.

George Taack reported that he will be getting an up-dated membership list, categorized by society, in time for the next meeting.

10. SOUTHCON - Bruce Mathews - absent
Ed Ellis reported for Bruce E. Mathews. The majority of expected attendance will be from Florida. An attempt will be made to improve the Miami and Jacksonville attendance. Emphasis will be on technical sessions. The conference is scheduled for mid-March of 1986.

11. AESS - Dr. David Finchbaugh
John Young, Astronaut, will be speaking at the first AESS meeting on Saturday, September 21, 1985, joint with the Air Force Association. The meeting will be held at the Radisson Hotel, Orlando. Social hour will be at 6:30, dinner at 7:30.

The second meeting will be in October or November. Dr. James Ionson, Director of Office of Innovative Technology will be invited to speak. Dave indicated that if he is unable to get Dr. Ionson, he will try to get the presentation 'Global Showdown' by the Director of the Regional Office of the Executive Intelligence Review. Dave requested a current mailing list of local AESS members so that he could send out announcements of up-coming meetings.

On September 24, 1985, Dave Finchbaugh will be delivering a technical session on 'Artificial Intelligence and Robotics' at SPACETECH Exposition, Anaheim, California. This is an AESS/IEEE sponsored event.

12. COMSOC - Dr. Madjid Belkerdid - absent
Don Malocha reported for Dr. Belkerdid. The next meeting will be on Thursday, November 14, at Stromberg Carlson. Speaker is W. Cotton, Director of Engineering Transmission Systems at Stromberg Carlson. Subject of the technical session will be 'Long Haul Networks' and an Introduction to Fiber Optics.'

13. Computer - Jorge Medina
Plans for the Computer Society activities will be announced next month. Steve Forsythe submitted a budget for the year. He will also be investigating how to get additional support from National.

14. Electron Devices - Dr. Hal Brown
A budget for Electron Devices for the next year has been submitted to the treasurer. An agenda of activities will be submitted at the next Executive Committee Meeting.
15. AP/MT - S. Keith Huddleston
A joint meeting is scheduled with UCF Student Chapter. A budget for $150 has been submitted. In addition, $350 was requested from National AP. Funds were also requested from MIT to support the student TVRD Project. The first meeting of the year is scheduled for October 3, 1984. Dr. Ron Carr, National Lecturer is speaking on 'Microwave Detection and Treatment of Cancer' at Hewlett Packard. Keith presented a schedule of nine meetings (attached).

16. PES/IAE - Mike Haddad
A meeting is scheduled for September 19, at Westinghouse, on Alafaya Trail. Subject is "Everything You Wanted to Know About Patents". For those who want to attend dinner beforehand, the group will be having pizza at 6:00 pm at Michaels. The meeting will start at 7:30 pm.

17. Sonics and Ultrasonics - Dr. Don Malocha
Sonics and Ultrasonics formed an Orlando Chapter in June, 1985.

Officers are:
Chairman - Don C. Malocha
Vice Chairman - Thomas Boherty
Secretary - Suder Boppani

The first meeting for this new Orlando Chapter will be at 6:00 pm, Monday, October 20, 1985, at the New UCF Engineering Building 404. Subject will be 'Microelectronics Program and Research at UCF'. Don also submitted a budget for the year and an agenda (attached).

18. Minutes
Corrections to the minutes of August 6, 1985 Executive Committee Meeting were: On page 5 "Item 18. Awards" changed to '10A. Awards. "Item 18. Education" changed to "10B. Education. On page 6 item 19, Conference Committee, Nora Lawton is added to list of Conference Committee, and Bruce E. Mathews is to be deleted. Note: Dr. Mathews is on SOUTHCOM Committee. The bottom line of the Treasurer's report should read $2,828.43. With corrections above, Ed Ellis moved, and John Gilbert seconded a motion to accept the minutes. Motion carried.

19. Awards - Dr. Ben Fatz
A $150 budget for the Awards Committee was submitted. This covers an engineer's award, two $50 bonds for students, and a service award. The Chairman reported that Region 3 is soliciting chapters for nominations for 'Outstanding Engineer', 'Outstanding Service', and 'Outstanding Educator' in Region 3.

OLD BUSINESS

20. Meeting Location
The Executive Committee will meet at a new location beginning Tuesday, October 1. Don Malocha has volunteered the new IEEE Conference Room at UCF Building 40C, CEB. This is the new engineering building. It has plenty of parking. The secretary will forward instructions from Don on how to get there. It will be in the form of a map sent along with the meeting announcement.
Minutes of September 3, 1985 - Continued:

21. Vehicular Technology - Ed Ellis
The Orlando Section is still listed as having a Vehicular Technology Group. We therefore will not be required to re-file for a charter chapter. All we need to do is send out a letter that we intend to combine Vehicular Technology with the Communications Society Chapter. There are 14 names in our local area who are VT members. Four are retired, nine are active, and one is unaccounted for. Ed will send out a letter to the nine active members stating that we want to reactivate the Chapter by forming a combined group.

22. Electromagnetic Compatibility - Brian Vancata
We still need additional members to form a charter group. Brian is requesting that we solicit our work places for possibilities.

23. Chapters Chairman - Position Open
Mike Haddad was appointed to head a Committee to elect a new Chapters Chairman Representative. Vote will be taken by telephone solicitation of Chapters Chairman of local chapters.

24. Advertising - Position Open
The Orlando Section Notes can be turned into a self-supporting newsletter. Chairman George Taack is seeking an individual to help make this happen.

25. Adjournment.
The meeting adjourned at 7:39 pm.

Respectfully submitted,

Geoffrey E. Dick
Secretary
IEEE ORLANDO SECTION
TREASURER’S REPORT
SEPTEMBER 3, 1985

Checking Account Balance, August 6, 1985 Treasurer’s report $1201.17

DISBURSEMENTS:

#1220 F. A. Ylue
Executive Committee Meeting Refreshments, 8/6/85

5.50

#1221 D. G. Malocha
Mailing Costs for June Minutes
25 @ $0.22 = $5.50

#1222 Altamonte Data Processing
Invoice #16592 of 7/29/85

35.30

#1223 Pickett Printing Co.
Invoice #29067 of 7/29/85
August Section Notes

617.70

#1224 Postmaster, Bulk Mail Unit
Deposit to Postage Account

60.00

Total Disbursements: 724.08

DEPOSITS:

8/24/85 First Half 1985 IEEE Rebate $1865.36

SUMMARY:

Checking Account Balance
8/6/85 Report

$1201.17

Plus Deposit

1865.06

Less Disbursements Sub-Total

$3067.13

Checking Account Balance Sept. 3, 1985

$2393.95

Dreyfus Fund Balance, 8/6/85 Gross Funds

1827.46

$3910.51

Carl F. Schumemann
Treasurer
United States Senate  
WASHINGTON, D.C., 20510  
August 21, 1985

Mr. John Gilbert  
1205 Miscindy Place  
Orlando, FL 32806

Dear Mr. Gilbert:

In response to your recent telephone request, I am pleased to enclose a copy of S. 409 and H.R. 800.

S. 409 -- A bill to broaden the base of the individual and corporate income taxes, to significantly reduce tax rates, to smooth out the rate schedules of the individual income tax, and to simplify the tax laws by eliminating most credits, deductions, and exclusions; was introduced by Senator Bradley of New Jersey. Page 15 of this bill pertains to insurance.

H.R. 800 -- This is the House version and was introduced by Congressman Gephardt of Missouri. Page 20 of this bill pertains to insurance.

I hope this information proves helpful and beneficial to you. If I may be of any further service, please do not hesitate to call again and let me know.

I welcome this opportunity to be of service.

Sincerely,

[Signature]

Paula Hawkins  
United States Senator

PH:ak  
Enclosures
### IEEE SONICS & ULTRASONICS CHAPTER
#### ORLANDO SECTION

#### OFFICERS 1985-86

<table>
<thead>
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<th>Position</th>
<th>Name</th>
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<td>V-Chairman</td>
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<td>273-0065</td>
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<td>Secretary</td>
<td>Sunder Gopani</td>
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#### 1985-86 BUDGET

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<td><strong>TOTAL</strong></td>
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| National S&U Contribution                      | $290.00 |
| Orlando Section Contribution                   | $166.00 |

### Tentative Programs and Meetings

- **October 28-** Microelectronics Program and research at the University of Central Florida
- **November 25-** Bulk Acoustic Wave Technology
- **January ??-** S&U National Lecturer: Transducers, Sensors & Actuators
- **February ??-** Speaker and topic TBD.
- **March ??-** Surface Acoustic Wave Technology
- **April ??-** Piezoelectric Transducers for Underwater Applications
To: Geoff Dick  
From: Keith Huddleston  
Subject: Current Status of MTT/AP Program  

9-3-85

IEEE  
1985-86 TENTATIVE PROGRAM  
ORLANDO CHAPTER OF MTT & APS  
Revised 8-26-85

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<th>Date</th>
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| 10-3-85| MTT  | Dr. Ken Carr  
MTT National Lecturer  
"Microwave Detection and Treatment of Cancer" | HP       |
| 10-24-85| AP   | Mr. L.C. Hoots  
Brunswick Defense Systems  
"Introduction to Redoxes" | HP       |
| 11-20-85| MTT  | Dr. Glenn Smith  
Georgia Institute of Technology  
"Measurement of Electrical Properties of Materials Using Antennas" | HP       |
| 12-19-85| AP/MTT| Dr. Jon Young  
Ohio State University  
"Diagnostic Radar Cross Section Measurements" | HP       |
| 1-16-86 | AP   | Dr. Hal Schrank  
AP Distinguished Lecturer  
"Low Sidelobe Reflector Antennas" | UCF      |
| 2-20-86 | MTT  | Mr. Harlan Howe  
MTT President  
"Microwave Materials" | HP       |
| 3-20-86 | AP   | Mr. James Cook  
Scientific Atlanta  
"Satellite Communications" | HP       |
| 4-17-86 | MTT  | Mr. Robert Munson  
Bell Aerospace  
"Microstrip Antennas" | HP       |
| 5-15-86 | AP   | Dr. P.Z. Peebles  
University of Florida  
"Radar Signal Processing" | HP       |

*** FIRM
** ACCEPTED; FINALIZING PLANS
* INVITED; AWAITING RESPONSE
RE: I.E.E.E ACTIVITIES

The student chapter of I.E.E.E. begins the new academic year with a membership drive during the week of September 3-7. A general membership meeting will be held September 4 at 14:00. The ongoing satellite TV300 project will be discussed as well as group assignments for the LNA and receiver projects. Other activities include a very successful fund raising project held during August 27-30. Floppy disk sales were so good that this activity will be continued throughout the term. Also there will be an I.E.E.E. picnic held on September 7. All members are invited and details will be announced at the meeting.
<table>
<thead>
<tr>
<th>Name</th>
<th>Mailing Address</th>
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<td>Conrad Blankenbee Jr.</td>
<td>8998 Crichton Woods Drive, AS 32119</td>
<td></td>
<td></td>
<td>351-9401</td>
<td>32119</td>
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<td>Hal Brown</td>
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<td></td>
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In 1982 the University of Central Florida began a microelectronics program to provide instruction at the undergraduate and graduate levels, to promote UCF research in this area and to provide industrial interactions with local and national high technology industries. A microelectronics laboratory has been built in which semiconductor devices, thin film devices and Surface Acoustic Wave devices have been successfully designed, fabricated and analyzed. The Solid State Devices Laboratory (SSDL) has been established which supports research activities in solid state devices and communication systems. SSDL currently consists of four faculty and nine graduate students. In January, the fabrication laboratory is scheduled to move into a new 1800 sq. ft. clean room facility.

The meeting will discuss UCF's microelectronics program; past, present and future; the new facilities to be established and the present and future research directions of the Solid State Devices Laboratory. A number of other UCF faculty and students will be present and an open discussion will follow the meeting.

All members are invited and industrial representatives are also invited. For information contact Don Malocha (275-2414) or (275-2785).

***** Refreshments will be served at the meeting. *****
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, October 1, 1985
5:30 PM

at

University of Central Florida
New College of Engineering
Building 48 CEBA
Aquarius Drive
Orlando, FL. 32804

Respectfully,
Geoffrey E. Dick
Secretary,
IEEE Orlando Section

September 15, 1985

Geoffrey E. Dick
1014 Carvell Drive
Winter Park, FL. 32782
Office: (305) 356-7752
Home: (305) 678-0779
**IEEE ORLANDO SECTION EXECUTIVE COMMITTEE MEETING**

**NOTE:** List your phone/address if: 1. New/first time attendee 2. Change 3. New address preference to send copy of minutes of this meeting

<table>
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<th>ADDRESS/M.P.</th>
<th>ZIP</th>
<th>OFFICE PHONE</th>
<th>HOME PHONE</th>
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<tr>
<td>Geoffrey Dick</td>
<td>1014 Carvel Drive, M.P.</td>
<td>32792</td>
<td>356-7752</td>
<td>678-0779</td>
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<td>Chisom Chisomu</td>
<td>UCF-Eng, P.O. Box 3500</td>
<td>32816</td>
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<td>George Jack</td>
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<tr>
<td>Jon McAuliffe</td>
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<td>Frank Fluter</td>
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<td>Mike L.</td>
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<td>David E. Finchbaugh</td>
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<td>357-2017</td>
<td>732-2048</td>
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<tr>
<td>Jim Brian</td>
<td>548 Grove Ct Al Champre</td>
<td>32774</td>
<td>731-2131</td>
<td>788-3042</td>
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<td>Chisom Chisomu</td>
<td>UCF-Elec-eng</td>
<td>32816</td>
<td>875-2186</td>
<td>699-4891</td>
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<tr>
<td>Ruth Ranft</td>
<td>Maitland MP 260</td>
<td>32805</td>
<td>356-7405</td>
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<td>M. J. Harris</td>
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<td>William J.</td>
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<td>Mary L.</td>
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<td>John M.</td>
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**ATTENDEE:** IEE
10/1/85

Don Mekleb has proxy for Harold K. Brown for E.D.S.

[Signature]

Harold K. Brown
IEEE Executive Committee Meeting
Orlando Section

Date: October 1, 1985

Location: CEBA Building 40, Room 234
University of Central Florida, Orlando Florida

Attendees:
George B. Taack, Jr.  Frank Fluet
Don Malocha               Mike Haddad
Carl Schunemann            Nora Lawton
Geoffrey E. Dick            Matthew J. Kiss
Ed Ellis                   David E. Flinchbaugh
Majid Belkaid              Christos Christodoulou
Parveen Wahid              Rene Revert
Jim Bryan

MINUTES:

1. The meeting opened at 5:15 PM by Executive Committee Chairman, George Taack, after a short delay in locating a room to hold the meeting. Room 234 was a temporary substitute for the IEEE conference room located in a yet to be opened section of the new building. A BuAram was present, with Don Malocha holding a proxy letter from EDS Chairman, Harold K. Brown, and Computer Society Chairman, Steve Forsythe.

2. Minutes of the September 3, 1985 meeting were approved by attendees. An up-dated list of Executive Committee Members included with the September minutes had an address correction for Orlando Section Treasurer, Carl Schunemann. He is located in Maitland, FL.

3. Treasurer's Report - Carl Schunemann:
The Executive Committee report (attached) was submitted for review. Carl announced two additions for next month Treasurer's report was presented to him by Don Malocha: The Section received $2,000 for State support of the student branch project, and $100 from Piezo Technology for Sonics and Ultrasonics. A motion to accept the Treasurer's report was moved and seconded. The motion passed.

4. Conference Committee Report - Frank Fluet
A committee meeting was held on September 2 (October 1, 1985 report attached). It was decided by the committee that the Orlando Section could act as a host for a small conference targeted for near-term, and a larger conference for long-term with the intention of boosting funds in our treasury. Ed Ellis obtained much of the information and contacts included in the report. Summarizing the report, Frank expressed that two prospects considered did not show promise; FES was not interested in having a conference in a 'resort area'; Sonics & Ultrasonics as reported by Bill Shreve has a history financial losses in conferences. Frank added that since our local chapter is still small, we would not have the support required to hold a large conference for SAM, targeted for 1989. Vehicular Technology appears more promising for 1989.
5. Publications - Alex Marton (absent)
George Taack reported for Alex. Nora Lantow has been appointed for this position, replacing Alex Marton, beginning on the October 15.

6. Awards - Ben Patz (absent)
In view of our limited funds this year, Ed Ellis suggested that the Section not underwrite the cost of the Engineer's Week Banquet.

7. Florida Engineering Society Liaison - Richard Harden (absent)
No report. We need to find out from Dr. Harden when FES is to have their Engineers' Week Banquet.

8. Professional Activities Committee - John Gilbert (absent)
No report.

9. Student Activities - Christos Christodoulou
Student sales of computer disks is continuing to be successful. Seven hundred have been sold. Student membership is rising.

10. Education - Position Open
Don Maloeh introduced Parveen Wahid, Assistant to UCF Engineering Department. Dr. Parveen volunteered to head the Orlando Section Standing Committee on Education. Ed Ellis suggested that we try to contact Fred Simons in Tallahassee for information and notes left from his previous held position.

11. Membership Development - Woody Carter (absent)
No report.

12. Southcon - Ed Ellis
The Orlando representative was here to meet with individuals on the committee. There is a drive to get more activity from IEEE Sections on building up attendance. The conference is scheduled for March 1986.

13. Historian - Rus Theisen (absent)
No report.

CHAPTERS REPORTS

14. AESS - Dave Flinchbaugh
A meeting was held with John Young, Astronaut, Saturday, September 21. Several movies and video tapes of recent missions were shown. Dave reported about his trip to SPACETECH, in Anaheim, California. This was the first international SPACETECH Conference. He was chairman of two sessions devoted to the techniques of artificial intelligence and techniques in space. Dave is expecting a $250 check from AESS National for support of Orlando activities.

15. Computer Society - Steve Forsythe (absent)
Ed Ellis gave a report for Steve. The IEEE Computer Society Student Branch has elected new officers: Chairman N. Ranganathan and Vice Chairman H. Narayan Anshok. A very extensive program has been planned. The group was invited by the Central Florida Council for High Technology to participate in a Fall Mixer for October 3. A meeting is scheduled for October 21 with John Nicosia, of Hunter &
CHAPERS REPORTS - continued

Ready to speak on "#8000 VRTX". On November 4, Dhiraj K. Pradhan, from the University of Massachusetts, will be speaking on "Multiprocessor Architecture Suitable for VLSI Implementation. Two more tentative meetings are scheduled for this year on 25 November and 5 December. Details for these meetings are attached.

The new Communication Society Secretary, Jim Bryan, was introduced by Dr. Belkerdidi. Don Malocha will continue as Vice Chairman. A meeting is planned for November 14. Whit Cotten, Director of Engineering for U.S. Transmission Division, Plessey - Stromberg-Carlson, will speak on "Evolution of Long-Haul Fiber Optic Networks" - 1995 and Beyond. The meeting may be too large to hold at Stromberg-Carlson. Over 50 people are expected. Exact location will be announced. Time will be at 7:30pm.

17. AP/MT - M. J. Kiss
The first meeting for the year is scheduled for October 24, 5:30 pm at Hewlett Packard. Speaker will be L. C. Hoots, Brunswick Corp., who will present a talk on "Introduction to Radomes". A dinner is scheduled for afterward at Gary's Duck Inn.

18. Vehicular Technology -
Ed Ellis requested that the Section Secretary try to find in the IEEE Orlando Section records, going back about 4 years ago, relating to re-instituting the VT Group with National. If the letter cannot be found then Ed will write a letter to National VT, requesting to establish Vehicular Technology to be combined as a Joint Chapter with the Communications Society in Orlando. The Chairman of the Communications Society Orlando Chapter has found no objection to forming the combined group.

19. Sonics & Ultrasonics - Don Malocha
Don will be the speaker at an October 20 at 6pm. The topic will be "Microwave Electronics Program and Research at U.C.F." This meeting is sponsored by EOM, SMU, and Student Branch. An amount of $180 was received from PTI Inc. to sponsor the lab. A retired IEEE member from the Naval Underwater Research Lab in Orlando, contacted Don about new membership possibilities and interest of employees at the lab. A meeting is scheduled for November 25, on "Bulk Wave Technology", to be held at PTI. Don reported that PTI may be interested in advertising in the Section Notes. He suggested that we follow up with a letter to them.

20. Power Engineering & Industry Applications Group - Mike Haddad
The September 19 meeting on "Everything You Wanted to Know About Patents" had a good turnout, with 14 people attending. Mike reported that good two-way dialog took place. A November meeting is being planned. Avling Gonzales is putting together a program update on "Artificial Intelligence On-Line Diagnostics". Westinghouse now has a power plant on-line, utilizing these techniques.
OLD BUSINESS

21. Geoffrey Dick reported that he received a copy of the 'Institute of Environmental Sciences Newsletter' from Dr. Deen Khandelwal. The organization is as large as IEEE in Orlando. The newsletter has many advertisers listed on the inside of the front and back covers. Included is a page on advertising rates: $200 for a full page, $125 for a half page, 1/3 page $90, and 1/4 page $70. The flyer is the same size as our newsletter, and has twice as many ads.

22. Dr. Khandelwal reports that he is still holding many of the IEEE Centennial Mementos that were borrowed from IEEE Headquarters. We need them to headquarters or pay for them. In view of our limited budget, arrangements will be made to return them.

23. The Executive Committee approved sending Dr. Jim Kelly, NASA, speaker at our last June Installation Banquet, an IEEE Cup and letter of thanks for his presentation to our group. The cup will be provided from stock Ed Ellis is holding.

24. George Taack reported that he has received a request for a IEEE Fellow or Senior Member volunteer for school accreditation visits for Engineering and Engineering Technology Programs. The person nominated must be a person employed in industry or government for more than 5 years. Those interested please contact George who is holding the application forms.

25. On December 4, 1994, an IEEE Video Conference is scheduled. The Orlando Section has received a letter via George Taack requesting if the Section would like to participate. The letter will be passed on to Vince Binico, Continuing Education, to see if there is any interest.

NEW BUSINESS

26. Preliminary Budget - George Taack

The proposed budget (attached) was reviewed, item by item. Under 'Special Projects' a New Chapter Development fund has been submitted to cover the costs of mailing surveys, and to cover the formation of new Chapters in the coming year. The other 3 items having asterisks (*) represent contingent items which we are applying for in the Section's Grant proposal. The Regional Activities Board is taking the surplus from Electro 94 and is issuing grants for worthy causes to Sections. Items not receiving a grant will be dropped from our budget. The third page lists how the largest expense $8,455, for publications was formulated. George noted that if 5.1 ads were per issue can be added to the 'Orlando Section Notes', then the publication would no longer be a deficit in our budget. We can also hold our budget by reducing the number of pages in each issue. The October issue was limited to 8 pages for this reason. Another publisher is to be considered as a possibility for printing rate reduction. Carl Schneemann pointed out that we are no longer receiving $500 interest on deposits (item 3 under Income). This should be eliminated as an income source. The MTI rebate, however, has been received and is also listed in this month's treasurer's report. Ed Ellis pointed out that we have not been receiving FASC (.item 5). This item is normally received from surplus at the end of the year. Don Malocha suggested that we attempt to solicit membership.
NEW BUSINESS, PRELIMINARY BUDGET - continued

societies for more support in view of our limited funding this year. Majid Pelker did indicate that he will try to submit a request to the Communication Society for funding. Ed Ellis volunteered to contact Steve Forsythe, Jorge Medina, and Rius Theisen for Computer Society support. Since the Orlando Section does not presently have income designated as being sufficient coverage to support the proposed budget, items of expense will need to be individually approved.

Ed Ellis proposed a two-part motion:

Part A - to send the preliminary budget back to the committee for revamping. Frank Fluit seconded the motion.

Part B of the motion, amended by Carl Schuemann to include reasons and an avenue for reconsideration at a later date was proposed. In the light of this year’s budget problems, a motion to eliminate subsidy for Fellow meal tickets and meal ticket for second person accompanying award recipients at the February Awards Banquet. Spouses, dates, and friends of nominees for Engineer of the Year, who attend will be required to pay for full price of meal as determined by the program committee. The previous practice of subsidizing meals at awards banquets will be reconsidered after budgetary problems are resolved. Amendment was seconded by Don Malocha. Motion and Amendment passed.

George Taack proposed an additional amendment:

Since the proposed budget was not approved at this meeting, that expenses incurred by Chapters between now and the next meeting be approved for that span of time. Amended motion was approved.

27. Don Malocha requested that in view of the large expense, over $6k for publications, that an advertising committee be formed to divide the job and give emphasis to a most needed area.

28. Chapters Chairman Representative Nomination Committee - Mike Haddad. The nomination committee met and was unable at the time to locate a replacement for Geoffrey Dick as Chapter’s Chairman of the Orlando Section. Geoffrey needs relief from this position, having served over two years in that capacity and is now holding the additional position of Section Secretary.

29. George Taack announced that he has copies of all chapters membership rosters available to officers of each group.

30. Adjournment

The meeting adjourned at 7:48 pm. Next meeting will be on November 5.

Respectfully submitted,

Geoffrey E. Dick
Secretary
Treasurer’s Report, 10/1/85 (Continued)

Newsletter Advertising, Accounts Receivable

- Hewlett Packard $200.00
- Eaton 45.00

Total Accounts Receivable: $245.00

Summary:

Checking Account Balance, Sept. 3, 1985 Report $2,343.05

Plus Deposits 615.00

- Subtotal $2,958.05

Less Disbursements $28.16

Checking Account Balance, October 1, 1985 $2,469.89

Plus Accounts Receivable $245.00

Plus Dreyfus Fund Balance, Sept. 30, 1985 1,644.72

Gross Funds: $4,359.61

Respectfully submitted,

Carl F. Schenemann
Treasurer
Checking Account Balance $2,343.05

September 3, 1985 Treasurer's Report

Deposits:

9/28/85 MTT Society Check from IEEE Hq. 380.00
9/28/85 Incentive check for new society members from IEEE Hq., 9 @ $5 = $45.00
9/30/85 Awards Reimbursement, check dated 9/16/85 from Florida Council, IEEE 29.00
10/1/85 Fischerin Advertising, Newsletter Adv. 200.00
10/1/85 Lawton Associates, Newsletter Adv. 45.00

Total Deposits: $655.00

Disbursements:

#1126 Von Krauskep Computer Society share of visiting speaker's expenses, per June 9, 1985 memo. $49.44
#1227 Postmaster, Bulk Mail Acceptance Unit, Deposit to account No. 3492, for Newsletter postage 60.00
#1228 Pickert Printing Co., Invoice #23987 of 9/1/85, Section Notes printing. 593.16
#1229 Altenante Data Processing, Invoice #16807 of 6/29/85, Newsletter labeling and mailing 65.40

Total Disbursements: $728.16
### PRELIMINARY BUDGET
IEEE Orlando Section (7/1/85 - 6/30/86)

<table>
<thead>
<tr>
<th>I. EXPENSES</th>
<th>8/29/85 PRLEGUS</th>
<th>REVISIUS ($)</th>
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<td>1. Publications (Section Notes)</td>
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<td>2. Secretary</td>
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<td>3. Chapters:</td>
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<td>9. Membership Development Comm</td>
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<td>10. Program Comm</td>
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<td>11. Historian</td>
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<td>12. Special Projects:</td>
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<td>Information Service *</td>
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<td>Newsletter Improvement *</td>
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<td>Treasurer's Computer *</td>
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<td>13. Misc</td>
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**TOTAL EXPENSES** | **$16,795** |
## II. INCOME

1. IEEE Rebate from HQ  . . . . . . . . $3,800
2. Advertising in Section Notes  . . . . 2,000
3. Interest on Deposits  . . . . . . . 500
4. Conferences  . . . . . . . . . . . . . . . . . . . -0-
5. PACK Rebate (est.)  . . . . . . . . . . . . . . 560

6. Chapter Rebates:
   - ARS  . . . . . . . . . . . . . . . . . 250
   - AP  . . . . . . . . . . . . . . . . . 900
   - MTT  . . . . . . . . . . . . . . . . . 350
   - S&U  . . . . . . . . . . . . . . . . . 250

7. RAB Grants  . . . . . . . . . . . . . . . . 2,500

**TOTAL INCOME**  . . . . . . . . . . . . $10,650

## III. EXCESS (DEFICIT)

OF INCOME OVER EXPENSES  . . . . . . ($6,149)
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<td>Labeling &amp; Mailing Expenses (11 issues @ $55)</td>
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<td>Postage (11 issues @ $60)</td>
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<td>Permit</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$8,455</strong></td>
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TO: All Participating Organizations  
FROM: Christine Hill  
DATE: September 25, 1995  
SUBJECT: Fall Mixer

Thank you for agreeing to participate in our Fall Mixer to be held on Thursday, October 3rd at the House of Beef on Colonial Drive and John Young Parkway from 5:00 to 7:00 P.M.

We will provide each organization with name cards and table space to display brochures, etc. You may want to plan for your representatives to arrive prior to 5:00 P.M. If you have any questions or special needs, please call me at 849-0900.
To: Executive Committee, Orlando Section of IEEE.

Conference Committee Report

1. A Conference Committee meeting was held after the Executive Committee meeting, Tuesday, Sept. 2, 1985.

2. Attendees: Ed Ellis
   John Gilbert
   Conrad Blankenship
   Frank Fluent

3. Present efforts are directed at finding a "near-term" and "long-term" conference that Orlando Section can 'co-sponsor' or 'participate in' to bring additional income to the section. (Where: "near-term" is roughly Fall of '86, Spring '87).

4. Four potential conferences have been selected for more detail analysis:
   a. Vehicular Technology (possible 89, 90)
   b. American Vacuum Soc. (w. co-sponsor of E.E. Soc.)
   c. Sonics & Ultrasonics
   d. Power Engineering

5. Ed Ellis has requested and received from HQ, a copy of "IEEE Conference Organization Manual (A Guide to Conference Planning)."

6. Ed Ellis has made contact with:
   a. P.E. Soc.: They are not interested in having a conference in a "resort" area.
   b. Sonics & Ultrasonics: They were encouraging and Bill Shreve, the 1985 Conference Chairman provided lots of details on 1986 plans. (See below for follow-up).
   c. Vehicular Technology: They are planning on May 1989 in Orlando. This looks like a good opportunity for "long-term" participation.

7. John Gilbert will follow up details on American Vacuum Society.

8. Next meetings will be immediately after Section Executive Committee meeting 10/1/85.
Addendum:

A follow-up by Frank Fluet of Sonics and Ultrasonics Chairman, Bill Shreve for more details resulted in:

a. S&U is planning on (usually mid-November)

   Williamsburg  1986
   Denver        1987
   Chicago       1988

and may consider Orlando for 1989.

b. Hotel reservations are normally several years prior to conference.

c. First Call for papers is at conference one year before the one called for.

d. Second call for papers in March.

e. Abstracts due in by mid-June.

f. Local (conference site) meeting in July.

g. The conference has lost money for the last five years ($p x $2K to $3K).

Result: Since our goal is to build up our treasury and our S&U Chapter is small, I was not optimistic about providing Orlando Section support. I recommended we not pursue.

Frank Fluet
Chairman, Conference Committee
<table>
<thead>
<tr>
<th>DATE</th>
<th>SOCIETY</th>
<th>SPEAKER/MEETING</th>
<th>LOCATION/TIME</th>
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<td>6 Aug.</td>
<td>Section</td>
<td>Executive Committee Mtg.</td>
<td>Automation Intelligence 1200 West Colonial Dr. 5:30pm</td>
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<td>September</td>
<td>3 Sept.</td>
<td>Section Executive Committee Mtg.</td>
<td>Automation Intelligence 1200 West Colonial Dr. 5:30pm</td>
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<td>Dean Schron</td>
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<td>Patent Attorney</td>
<td>The Quadrangle</td>
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<td>&quot;Everything You Wanted to Know About Patents&quot;</td>
<td>Dinner 6pm at Michael's Meeting at 7:30pm</td>
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<td>October</td>
<td>1 Oct.</td>
<td>Section Executive Committee</td>
<td>V.C.F., CCBA Bldg. 40</td>
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<td>3 Oct.</td>
<td>Computer Fall Mixer</td>
<td>House of Beef</td>
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<td>Central Florida for High Technology, Inc.</td>
<td>Colonial Drive &amp;</td>
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<td>IEEE Computer Society</td>
<td>John Young Parkway</td>
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<td>Orlando Section Display</td>
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<td>3 Oct.</td>
<td>MTT National Lecturer</td>
<td>Hewlett Packard</td>
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<td>&quot;Measurement of Electrical Properties of Materials Using Antennas&quot;</td>
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<td>21 Oct.</td>
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<td>Kane Furniture</td>
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<td>Hunter &amp; Ready &quot;60000 VRTX&quot;</td>
<td>Front of Colonial Plaza</td>
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<td>7:00pm to 9:00pm</td>
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<td>24 Oct.</td>
<td>MTT/AFS L. C. Hoots</td>
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<td>Brunswick Corporation</td>
<td>6177 Lake Ellenor Drive</td>
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<td></td>
<td>&quot;Introduction to Radomes&quot;</td>
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<td>Dinner after meeting</td>
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<td>28 Oct.</td>
<td>Sonics &amp; Ultrasonics</td>
<td>U.C.F., CCBA Bldg. 40</td>
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<td></td>
<td>Donald C. Malocha</td>
<td>Center for Engineering &amp;</td>
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<td></td>
<td></td>
<td>&quot;Microelectronics&quot;</td>
<td>Business Administration</td>
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<td></td>
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<td>Program and Research</td>
<td>6:00pm</td>
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<td></td>
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<td>at Univ. of Central Fla.</td>
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*CALBS Contact Geoffrey Dick for Schedule Changes*
<table>
<thead>
<tr>
<th>DATE</th>
<th>SOCIETY</th>
<th>SPEAKER/MEETING</th>
<th>LOCATION/TIME</th>
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</thead>
<tbody>
<tr>
<td>4 Nov.</td>
<td>Computer</td>
<td>Dhiraj K. Pradhan, Univ. of Massachusetts, &quot;Multiprocessor Architecture Suitable for V.SI Implementation&quot;</td>
<td>U.C.F., Computer Science Bldg., 6C2 Room 103, 3:00pm to 5:00pm and 7:00pm to 9:00pm</td>
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<tr>
<td>5 Nov.</td>
<td>Section</td>
<td>Executive Committee Mtg.</td>
<td>U.C.F., CEBA Bldg., 40, 5:30pm</td>
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<td>20 Nov.</td>
<td>MTT/APS</td>
<td>Dr. Glenn Smith, Georgia Inst. of Tech., &quot;Measurement of Electrical Properties of Materials&quot;</td>
<td>Hewlett Packard, 6177 Lake Ellenor Drive, 5:30pm</td>
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<tr>
<td>25 Nov.</td>
<td>Computer</td>
<td>Benjamin W. Walsh, Univ. of Illinois, &quot;Computer Architectures for Artificial Intelligence Applications&quot;</td>
<td>U.C.F., Computer Science Bldg., 6C2 Room 103, 3:00pm to 5:00pm, Kane Furniture, Front of Colonial Mall, 7:00pm to 9:00pm</td>
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<td>25 Nov.</td>
<td>Sonics &amp; Ultrasonics</td>
<td>&quot;Bulk Wave Technology&quot;</td>
<td>PTI</td>
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<td>December</td>
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<td>3 Dec.</td>
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<td>U.C.F., CEBA Bldg., 40, 5:30pm</td>
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<td>5 Dec.</td>
<td>Computer</td>
<td>S. K. Reddy, Univ. of Iowa, &quot;CMOS Digital Circuits - Fault Diagnosis and Built-In Testing&quot;</td>
<td>U.C.F., Computer Science Bldg., 6C2 Room 103, 3:00pm to 5:00pm, Kane Furniture, Front of Colonial Plaza, 7:00pm to 9:00pm</td>
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<td>19 Dec.</td>
<td>MTT/APS</td>
<td>Dr. Jon Young, Ohio State University, &quot;Diagnostic Radar Cross Section Measurements&quot;</td>
<td>Hewlett Packard, 6177 Lake Ellenor Drive, 5:30pm</td>
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CALBO Contact Geoffrey Dick for Schedule Changes
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<td>7 Jan.</td>
<td></td>
<td>Dr. Hal Schrank</td>
<td>Hewlett Packard 6177 Lake Ellenor Drive 5:30pm</td>
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<tr>
<td>16 Jan.</td>
<td>AP</td>
<td>AP National Lecturer &quot;Low Sidelobe Reflector Antennas&quot;</td>
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<td>Jan.</td>
<td>Computer</td>
<td>Chapter Tutorial Video</td>
<td>U.C.F./Kane Furniture</td>
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<tr>
<td>February</td>
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<td>Executive Committee Mtg.</td>
<td>U.C.F. CEBA Bldg. 40 5:30pm</td>
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<td>4 Feb</td>
<td>Section</td>
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<tr>
<td>Feb.</td>
<td>Computer</td>
<td>Steve Forsythe &quot;Digital Electronic Music&quot;</td>
<td>Kane Furniture 7:00pm to 9:00pm</td>
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<tr>
<td>29 Feb</td>
<td>MTT</td>
<td>Mr. Harlan Howe &quot;Microwave Materials&quot;</td>
<td>Hewlett Packard 6177 Lake Ellenor Drive 5:30pm</td>
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<td>Sonics &amp; Ultra-Sonics</td>
<td>Speaker and Topic TBD</td>
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<td>Section</td>
<td>Dean Todd &quot;Local Area Networks&quot;</td>
<td>Kane Furniture 7:00pm to 9:00pm</td>
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<td>Computer</td>
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<tr>
<td>28 March</td>
<td>AP</td>
<td>Mr. James Cook &quot;Satellite Communications&quot;</td>
<td>Hewlett Packard 6177 Lake Ellenor Drive 5:30pm</td>
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<td>March</td>
<td>Sonics &amp; Ultra-Sonics</td>
<td>&quot;Surface Acoustic Wave Technology&quot;</td>
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<td>MTT</td>
<td>Mr. Robert Munson</td>
<td>Hewlett-Packard 6177 Lake Elinor Drive</td>
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<td>Sonics &amp; Ultra-sonics</td>
<td>&quot;Piezoelectric Transducers for Underwater Applications&quot;</td>
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<td>U.C.F./Kane Furniture</td>
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<td>Section</td>
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<td>U.C.F., CEBA Bldg. 40</td>
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<td>15 May</td>
<td>AP</td>
<td>Dr. P. Z. Peebles</td>
<td>Hewlett-Packard 6177 Lake Elinor Drive</td>
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<td>May</td>
<td>Computer</td>
<td>Jorge Medina &amp; Steve Forsythe</td>
<td>Kane Furniture 7:00pm to 9:00pm</td>
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<tr>
<td>3 Oct., 1985</td>
<td>***Fall Mixer&lt;br&gt;Central Florida Council for High Technology, Inc.&lt;br&gt;(IEEE Computer Society/Orlando Section Display)</td>
<td>House of Beef&lt;br&gt;Colonial Fair &amp; John Young&lt;br&gt;6:00 to 7:30 P.M.</td>
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<tr>
<td>21 Oct., 1985</td>
<td>*John Hossia&lt;br&gt;Hunter &amp; Beyond&lt;br&gt;&quot;68000 VRX&quot;</td>
<td>Kane Furniture&lt;br&gt;Front of Colonial Plaza Mall&lt;br&gt;7:00 to 9:00 P.M.</td>
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<tr>
<td>4 Nov., 1985</td>
<td>**Chin-chaj K. Prohama&lt;br&gt;U. of Massachusetts&lt;br&gt;&quot;Multiprocessor Architecture Suitable for VLSI Implementation&quot;</td>
<td>U.C.F.&lt;br&gt;Computer Science Bldg.&lt;br&gt;OC2 Room 103&lt;br&gt;3:00 to 5:00 P.M. and 7:00 to 9:00 P.M.</td>
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<td>25 Nov., 1985</td>
<td>**Benjamin W. Wahl&lt;br&gt;U. of Illinois&lt;br&gt;&quot;Computer Architecture for Artificial Intelligence Applications&quot;</td>
<td>U.C.F.&lt;br&gt;Computer Science Bldg.&lt;br&gt;OC2 Room 103&lt;br&gt;3:00 to 5:00 P.M. Kane Furniture&lt;br&gt;Front of Colonial Plaza Mall&lt;br&gt;7:00 to 9:00 P.M.</td>
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<tr>
<td>5 Dec., 1985</td>
<td>***S. M. Reddy&lt;br&gt;U. of Iowa&lt;br&gt;&quot;CMOS Digital Circuits: Fault Diagnosis Design for Testability and Built-In Testing&quot;</td>
<td>U.C.F.&lt;br&gt;Computer Science Bldg.&lt;br&gt;OC2 Room 103&lt;br&gt;3:00 to 5:00 P.M. Kane Furniture&lt;br&gt;Front of Colonial Plaza Mall&lt;br&gt;7:00 to 9:00 P.M.</td>
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<tr>
<td>Feb., 1986</td>
<td>***Steve Forsythe&lt;br&gt;&quot;Digital Electronic Music&quot;</td>
<td>Kane Furniture&lt;br&gt;7:00 to 9:00 P.M.</td>
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<td>Mar., 1986</td>
<td>*Dean Todd&lt;br&gt;Della Business&lt;br&gt;&quot;Local Area Networks&quot;</td>
<td>Kane Furniture&lt;br&gt;7:00 to 9:00 P.M.</td>
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<td>Chapter Tutorial Video Course TBD</td>
<td>U.C.F./Kane Furniture</td>
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<td>May, 1986</td>
<td>*** Jorge Medina &amp; Steve Forsythe&lt;br&gt;&quot;Software Standards and Practices&quot;</td>
<td>Kane Furniture&lt;br&gt;7:00 to 9:00 P.M.</td>
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<td>June, 1986</td>
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<td>July, 1986</td>
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* Invited, awaiting response  ** Accepted; finalizing plans  *** Firm
TO: Geoffrey Dick
FROM: Jorge Medina
DATE: 1 October 1985
SUBJECT: Current Status of the IEEE Computer Society Chapter - Orlando Section

IEEE COMPUTER SOCIETY CHAPTER
ORLANDO SECTION

OFFICERS 1985-1986

IEEE COMPUTER SOCIETY CHAPTER

Chairman: Jorge Medina
2068 Las Palmas Circle
Orlando, FL 32802

(305) 281-1557  (305) 854-9600

IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER

Chairman: N. Ranganathan (Rajesh)
12013 Salton Dr. #213
Orlando, FL 32826

(305) 281-4730

IEEE COMPUTER SOCIETY WORK

Chairman: Steve Turner
1429 Starway Court
Apopka, FL 32703

(305) 286-2231  (305) 244-1166

NOTES:

1. IEEE Computer Society Chapter information Center for the Orlando Section has been ordered.

2. On September 26, 1985, Steve Turner and Jorge Medina met with the officers of the Orlando IEEE Computer Society Student Branch Chapter at Ronnie's, Colonial Plaza.

3. The IEEE Computer Society Chapter Manual is being reissued.

4. The IEEE Computer Society is sponsoring the 1986 United States Microcomputer Contest for students and professionals who think they can build a small, self-contained robot able to decipher and then quickly navigate a complicated maze. The contest will be held at the Microprocessor Forum, March 31 - April 3, 1986, at Bally's Park Place, Atlantic City, NJ. For more information contact Jorge Medina or write Microcomputer, IEEE Computer Society, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

5. Collaboration between neighboring chapters is being arranged so a Distinguished Visitor can visit a number of chapters in one geographical area on one trip and in this way greatly reduce the total traveling expense. The following IEEE Computer Society Chapters in Florida have been contacted: Central, Florida West Coast, Miami and Palm Beach. The following IEEE Computer Society Student Branch Chapters in Florida have been contacted: Florida Institute of Technology, University of Florida, University of South Florida and University of Miami.
DATE: 26 November, 1985

PLACE: University of Central Florida
       Computer Science Bldg.
       CC2 Room 193
       3 - 4:30 PM

KANE FURNITURE CONFERENCE ROOM
2601 E. COLONIAL DRIVE, ORLANDO
7 - 8:30 PM

TOPIC: Computer Architectures for Artificial Intelligence Applications

SPEAKER: Dr. Benjamin W. Wah, Associate Professor
          Department of Electrical and Computer Engineering
          University of Illinois

ABSTRACT

In this presentation, we present a survey of research and development in computer design to support systems for artificial intelligence applications. The design can be divided into the micro level, the macro level, and the system level. In the micro level, we will discuss fundamental computational capabilities for artificial intelligence. These include set intersection, transitive closure, contexts and partitions, best-match recognition, and recognition under transformation. Technologies in VLSI and memories to support these features will be presented. In the macro level, mechanisms for retrieving and managing a knowledge base in hardware and software will be discussed. These include the database machines, architectures for searching, pipelining, and multiprocessing. In the system level, organizational background, local node planners, task assignment, software design, and expert systems will be presented. Some systems under development, such as the Fifth Generation Computer Systems, will be discussed.

All members and industrial representatives are invited.
For more information contact Jorge Medina (834-9609) or Steve Forsythe (244-1166).
<table>
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<td>UCF - BCCS Dept.</td>
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**EXECUTIVE COMMITTEE**

**Tелефон:** 3E3
August 30, 1985

To: IEEE Section Chairman

FROM: Dennis Rodson, Vice President-Regional Activities

SUBJECT: 1987 Sections Congress

It is my great pleasure to inform you that, as recommended at the 1984 Sections Congress, the Regional Activities Board is planning a second Sections Congress to be held in 1987. Based on input from the 10 Regional Directors it has been determined that the Congress will be held in California in October 1987 for a three day period to allow for in-depth discussions of identified topics.

To recap, the 1984 Sections Congress was a successful event covering seven broad topical areas and resulting in 44 recommendations. These recommendations are being pursued and/or implemented by either the appropriate Major Board or the Board of Directors of the Institute. As an example of the actions taken, I am enclosing a sheet that lists the four highest scoring recommendations and the outcomes for each. As you can see, progress is being made and the 1984 Congress provided the channel through which the Sections could communicate the desires of their members.

During the 1987 Sections Congress, we would like to concentrate our efforts on two (2) discussion topics. We believe that two topics can be effectively discussed in-depth and that measurable solutions can be identified within the Congress meeting time. Further, an in-depth discussion process will permit the development of achievable resolutions.

At this stage, I would like each Section Chairman to identify two discussion topics for the 1987 Congress. The two topics should cover only those areas of concern to members at the Section level that have broad impact and viable solutions. Discussion topics addressing highly philosophical issues or perennial means from individual members for which there is no realistic solution should be avoided. If possible, your Section Officers should be involved in the selection of the recommended discussion topics.

When your topics have been identified, please submit them to your Regional Representative, listed on the enclosed roster of the 1987 Sections Congress Task Force. Topics should be submitted no later than October 30, 1985. Your Regional Representative will then review all of the topics submitted and identify those topics of greatest interest to your Region. This information will then be sent to the Chairman of the Sections Congress Task Force who will analyze the input from the 10 Regional Representatives for consensus, thus identifying the two official topics for discussion and resolution at the Congress. We expect to advise you of the topics selected by the end of the year.
IEEE Section Chairman
August, 1983
Page - 2 -

As mentioned, we are only in the initial planning stages for the 1987 Sections Congress. However, we have established the following which will provide you with some preliminary information.

1. Date: Early October, 1987

2. Duration: 3 Days (tentatively Saturday, Sunday, Monday, but in any event a weekend will be involved)

3. Location: California, USA (Possibly Northern California)

4. Delegates: Section Chairman or a designee having an active role in Section activities (The name of the Delegate from each Section will be requested early in 1987)

5. Estimated Cost Per Delegate: Airfare + U.S. $500-$600 for meals, hotel accommodations and ground transportation. It is suggested that each Section begin setting aside money for its Delegate's attendance at the Congress.

6. Continuity: Since Section Chairman normally change office annually it is important that all information on the Congress be turned over to the successor Chairman at the beginning of their term. Further, we plan to copy Section Officers on all correspondence relative to the Congress to keep them informed of what is happening.

7. Information Contact: Primary contact person should be your Regional Representative who will be kept up-to-date on what is transpiring from the Chairman of the Task Force and IEEE Staff.

Remember, the 1987 Sections Congress is your Congress and through your Section's active participation in all phases leading up to the Congress, and including your Section's presence at the Congress, we expect to have a most productive and successful forum of the Institute's leadership at the local level.

Sincerely,

Dennis Bodeon
Vice President-Regional Activities

DBot
Enclosures
cc: IEEE Executive Committee
    Regional Activities Board
    IEEE Sections Congress Task Force
    Section Officers
    Staff Directors
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, November 5, 1985
5:30 PM
at
University of Central Florida
New College of Engineering
Building 4d CEBA
Aquarius Drive
Orlando, Fl. 32804

October 15, 1985

Respectfully,

Geoffrey E. Dick
Secretary,
IEEE Orlando Section
IEEE ORLANDO SECTION EXECUTIVE COMMITTEE MEETING

NOTE: List your phone/address if:
1. New/first time attendee
2. Change
3. New address preference to send copy of minutes of this meeting

<table>
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<td>1014 Correll Dr.</td>
<td>32792</td>
<td>352-7752</td>
<td>678-597</td>
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<td>George Tangle</td>
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<td>Frank Flint</td>
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<td>C.K. Huddleston</td>
<td>506 Lisa Lane Mallard</td>
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<td>366-7201</td>
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<td>Jorge Medina</td>
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<td>32822</td>
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<td>32719</td>
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<td>Parveen Manish</td>
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<td>Margaret Blevend</td>
<td>UCF</td>
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<td>379-9127</td>
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**DATE: 11-5-75**
Date: November 5, 1985

Location: CEDA Building 48, Room 407, Conference Room
University of Central Florida, Orlando, Florida

Attendees:
George B. Taack, Jr. Frank Fluet
Don Malocha Avelino Gonzalez
Carl Schummann Nora Lanton
Geoffrey E. Dick Harold Brown
Ed Ellis David Flinchbaugh
Madjid Beikardid Jorge Medina
Paween Wanid G.K. Huddleston
Congo Blankensee

1. The meeting opened at 5:47 p.m. by Executive Committee Chairman, George Taack. A quorum was present, with George Taack holding a proxy from Woody Carter, membership committee.

2. The minutes of the October 1, 1985 meeting were approved by attendees with the following corrections: Item 6. Motion pertaining to Engineers' Week Banquet will not exclude student nominees, 'Undergraduate Student of the Year and Graduate Student of the Year' from guest meal ticket. Item 19. PTI Acids should be PTI, for Pigto Technology incorporated. With these corrections, the minutes were approved by vote of the Executive Committee.

3. Treasurer's Report - Carl Schummann:
The October 1, 1985 Treasurer's report (attached) was submitted for review. Carl announced several deposits for next month. Treasurer's report was presented to him by Don Malocha: One $250 check from IEEE Sonics and Ultrasonics to support its activities. The Section received $2000 for State support of the Student Branch Project, and $100 from Pizco Technology for Sonics and Ultrasonics. IEEE Headquarters sent us a $500 check for A/P/S. At same time the IEEE Service Center is willing us $260 for various computer printouts of mailing lists, labels, and etc. Ed Ellis submitted $8 in cash to the Treasurer for sale of a IEEE Cups. A motion to accept the Treasurer's report was moved and seconded. The motion passed.

4. Chapter Chairman's Report - Geoffrey Dick
A summary of past and scheduled meetings through June 1985 was prepared for PCA/EEE, and has been included at the tail end of the October minutes.

5. Conference Committee - Frank Fluet
A letter has been drafted to be sent to the Chairmen of various Societies of IEEE inviting them to hold their tentative conferences in Orlando. The Orange County Convention and Visitors Bureau is sending the committee information on meeting planning guides, conference guides, lodging guides, conference facilities and services available. They have a promotional campaign going on call "Go for the Magic". It is the plan of the committee to send out these brochures along with the cover letter. The Vehicular Technology still appears to be a good candidate to hold a conference in Orlando in May, 1989.
6. Chairman George Taack solicited the Executive Committee on how to handle the large Student Branch account. Don Malocha recommended not opening a separate account, but instead the Treasurer should keep a record of exactly what money belongs to the Student Branch. Each year the Student Branch will draw up a budget, approved by the Student Advisor, and will submit it for withdrawal as required. In mean time it was recommended that this money be kept in the Dreyfus Fund. Don requested that Student money be handled like any other Chapter account. Treasurer Carl Schunemann agreed that it would be okay to treat it this way from year to year. An idea of having student signature withdrawal was discouraged. Instead a request for funds can be made with Student Advisor approval and then the Executive Committee Treasurer can draft a check. Don made it clear that he did not want to see student money tied up in the Orlando Section's General Fund. The Treasurer volunteered to show the Student Fund separated by accounting practices in the Monthly Treasurer's Report, although money may be commonly kept in the Dreyfus Fund. This method was commonly agreed to by all parties present.

7. PES & IAG - Avilino Gonzalez
Mike Handa, Chairman of the Chapter, is on a field trip to China. In his absence Avilino, Vice Chairman reported. A technical meeting is scheduled for Thursday, November 14 on Steam Turbine Generator On-Line Diagnostics using Artificial Intelligence. This is an up-date presentation from a meeting last year. For those interested in dinner before the meeting, a gathering will be at Michaels 6pm. The meeting will begin at 7:30 at Westinghouse.

8. Programs - Conrad Blankenbee
February 16 through 22 is Engineer's Week. In keeping with tradition, February 15 has been selected as an ideal time to hold the Awards Banquet. (Saturday previous to Engineer's Week) Several Hotels have been contacted for consideration. Langford is offering dinners at $18.50 and $14.50, the Sheraton, Maitland is offering chicken or fish dinners at $16.50. Prices are quoted including 5% tax, 16% service. As a speaker for the event, Dave Flinkbaugh volunteered to find an Astronaut before the next meeting. Conrad will contact the prospective meeting places for better dinner prices and report to the Executive Committee a selected banquet location.

Public Relations - George McClure (Absent)
No report.

10. Publications - Norm Lawton
A new printer was selected with the November issue of the Section Notes. Plans are to change the back page with a new listing of officers. A marked up page was forwarded to Norm at the meeting for inclusion in the next issue. Norm applied for a rebate from Florida Council. Renewal of the Postal Permit needs to be looked into. Norm plans to investigate and respond to the Treasurer if a check needs to be written. The last day for submittals to the next Section Notes publication is November 14 due to the Thanksgiving Holiday this month.

11. Awards - Ben Pats (Absent)
Don Malocha will contact Ben to begin the selection process to make
nomination for the Awards Banquet. Nominations for Fellows is due 1 December. Nominations should be entered in the December Section Note so a selection is required for submittal by November 14. Three Regio awards, Florida Council awards, and Orlando Section awards are to be decided.

12. PACE - John Gilbert (Absent) 
No report.

13. Student Chapter - Dan Malocha 
Disks are selling well. The project for this year is a continuation of the Satellite Receiving System started last year. The demodulator is to be re-designed with a new front end. Dr. Belcher said that the Dish is in process of being disassembled for the move to the roof of the new Engineering Building. Gene Huddleston reported that MIT Society had approved donation of $500 special project money to the Student Satellite Project. Plans are to present the check to the Student Chapter in a January meeting when Dr. Shrank, National Lecturer will be here. Dan Malocha suggested that publicity be set up for the meeting with a photographer from the University. Public Relations, George McClure should also be contacted on this event.

14. Education - Parveen Wahid 
Parveen accepted the position vacated by Fred Simon. Frank Pluet was in contact with Fred last about setting up an IBM tutorial for the Section. The Florida East-coast Section has been very successful in this pursuit using the UCF facilities there. Frank suggested that we might try to model a similar tutorial here. Madjid reported that Bob Walker of the Cocoa Section would like to share tutorial meetings with us. Dan Malocha has a copy of the Section Operation Manual which has listed in it a section on duties and responsibilities of the Education Standing Committee. He will provide a copy to Parveen, and a method to contact Fred Simon for any additional information.

15. Membership - Woody Carter (Absent) 
George Taack reported for Woody. Our membership is up to 1863 as of the last meeting. Two people joined from the Fall Mixer on October 3. Welcome letters were sent to 14 people elected to membership and 28 people who moved into our Section. Fifteen people moved out of the Section.

16. Southcon - T. Ed Ellis 
Ed is seeking volunteers to help on the committee. Letters are being sent out to all Section Chairmen for help on the Attendance Committee. Russ Theiszen has set up over a dozen tutorials. Approximately 120 technical papers presented in 4 to 5 parallel sessions, in addition to the trade show. The show will take place over a 3 day period in March in the Orlando Civic Center. Tutorials will be held in one hotel. A set of movies will be set up to run all day at the Conference. Tickets for Southcon will be available from the Exhibitors and IEEE Registration Committee Member's for free! Tutorials will have an admission cost.

17. AES - Dave Flinchbaugh 
As Chairman of Aerospace Emerging Technologies for Robotics
International, Dave conducted a 2-day meeting for that group, and gave a talk on Robotics Applications in Aerospace, a tour of McDonnell Douglas Astronautics, and a VIP tour of Kennedy Space Center. Dave has been helping North Brevard IEEE Chapter with tours at Kennedy Space Center. On March 22 through 25 a meeting for approximately 300 people will be hosted for a joint meeting with Robotics International and AESS.

18. Chairman George Taack reminded all Chapter Chairmen present that yellow meeting reports need to be turned in immediately after each meeting held. Additional information is requested to include an address of the Speaker and his title. Rebates from Headquarters are based on receipt of these reports.

19. Ed Ellis announced that he has a 2 ft. high stack of meeting attendance cards in case anyone needs them. The cards are useful for engaging membership interaction, i.e., soliciting more information on IEEE for a particular member who has marked his card indicating need.

20. Communication Society - Madjid Beikerdiz
A meeting is scheduled on November 14 at Stromberg Carlson. Madjid contacted National for Chapter money but did not get a positive response from anyone. Due to budget cuts, dinner meetings will be discouraged for the rest of the year.

21. Madjid Beikerdiz reported that we should have received approximately $600 last year from Tutorial East. Don Malocha suggested we contact Brian (275-2706) to confirm this.

22. Computer Society - Jorge Medina
Money requested from the Computer Society is up in the air. Two speakers have been lined up (report attached). The November 4 meeting was cancelled due to National Speaker did not get approved. The November 28 meeting is to be moved to 26 at the request of the speaker. Another meeting is scheduled for December 5, 1985. Jorge brought meeting notices to distribute.

Hal will try to contact ED National for operating expenses. An amount of $250 was requested in writing two meetings ago, but it did not appear in the Chapter budgets listing.

24. MIT/AP - G. Keith Muddleston
Two meetings have been held so far this year. Keith presented an updated schedule (attached). A meeting is scheduled for November 28. The time and location announced in the Section Notes need correction: 5:30 pm at Hewlett Packard.

25. Sonics and Ultrasonics - Don Malocha
Don reported a good turnout at the October 28 meeting. Among the 31 people attending, was one person from the United Kingdom. Don attended a Sonics and Ultrasonics meeting in San Francisco. National is willing to seed money for conferences or seminars allowing Sections who run them to keep any profit resulting from them. Sawtooth is willing to donate $100 to support $U. Another amount $250 was
received from National. A National Speaker, Robert Noon from Pa. has agreed to come here on Monday, January 27. Topic will be Transducers, Sensors, and Actuators. A dinner meeting will be set up. We lost to Hawaii on the 1989 Sonics and Ultrasonics Conference.

OLD BUSINESS

25. Budget
Chairman George Taack request that the budget be deferred until a replacement Advertising Manager can be activated. Our major problem with our budget is paying for the Section Notes. Much can be resolved if we can get our advertising budget in order to cover the cost. Region 3 has some money we could borrow to keep us from going into the hole this year, however it is better if we could resolve our problems before they happen. The Programs Committee budget has been cut from $2250 to $1845. This assumes that we still have $600 left from student rebates. Three dinner meetings will be dividing the expenses, in February, mid-spring, and June. Indications now we are scheduled for being $4500 in the red if we continue on our present path. If we can find a way to get the advertising to pay for the Section Notes, this can be avoided. Carl Schummann moved that a "course of action be taken as proposed" that an advertising manager be selected, and the budget committee determine new advertising rate for the Section Notes to make the publication self-sufficient. Motion was seconded and passed.

27. IEEE wants to establish State-wide advertising in the Section Notes. A report will be issued from their December meeting coming up.

28. Ed Ellis has 11 cups available for Programs Chairmen to hand out to speakers if chapters will request them.

29. Dee Hamburgh is sending back Centennial Memorabilia to Headquarters.

30. George Taack reported that after examining membership listings, there eight possibilities for forming additional local chapters. Ed Ellis volunteered to look into this.

31. Keith Muddleston moved for adjournment. The meeting adjourned at 8:12pm.

Respectfully submitted,
Geoffrey E. Dick, Secretary

NOV 85 EXEC MEETING
Checking Account Balance  
October 1, 1985 Treasurer's Report  
$2,469.89

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**TOTAL DEPOSITS:**  
$2,800.00

**DISBURSEMENTS:**

| #1230  | Geoffrey E. Dick  
Secretary's Expenses Per  
10-1-85 Memo | $34.41  |
|--------|-------------------------------------------------|---------|
| #1231  | Gerry Picard  
Refreshments for 10-11-85  
MTT/AP Meeting | 12.27   |
| #1232  | Bob Smallwood  
AP/MTT Postage | 12.00   |
| #1233  | Gerry Picard  
Refreshments, 10-3-85 MTT/AP  
Meeting | 16.76   |
| #1234  | AlCOME Data Processing  
Invoice #1881 of 10-1-85 | 46.70   |
| #1235  | W. C. Carter  
Postage Stamps, Membership  
Development Committee | 22.00   |
| #1236  | Meritage Press  
Newsletter Printing Deposit  
Per Invoice of 10-17-85 | 309.23  |
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Respectfully submitted,

Carl F. Schunemann
Conference Committee Report

To: Executive Committee, Orlando Section of IEEE.

From: Frank Fluet, Chairman, Conference Committee

1. A brief meeting of the Conference Committee was held immediately after the October 1st Executive Committee meeting.

   a. Attendees: Ed Ellis

   b. Ed Ellis suggested that a letter be drafted for mailing to the chairman of those societies which have chapters in Orlando, asking them to consider Orlando as a conference site. I am preparing a rough draft of this letter for review by the Conference Committee after tonight's Executive Committee meeting.

2. Since the Vehicular Technology Chapter has recently been re-activated here, and they are tentatively scheduled for a May 1989 conference in Orlando, we will pursue an active participation in that conference.

3. I have contacted the "Orange County Convention and Visitor's Bureau" and they are sending me their latest publications (meeting planning guide, lodging guide, list of conference facilities and services, etc., and their promotional "GO FOR THE MAGIC!" material). This committee will select from this material to send along with the invitation letter to Society chairman.
BUDGET
IEEE ELECTRON DEVICE SOCIETY

Chairman: Harold K. Brown  
Vice-Chairman: Don Malocha

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Meeting schedule to be announced at a future date.
TO: Geoffrey Dick
FROM: Jorge Medina
DATE: 5 November 1985
SUBJECT: Current Status of the IEEE Computer Society Chapter - Orlando Section

IEEE COMPUTER SOCIETY CHAPTER
ORLANDO SECTION

OFFICERS 1985-1986

IEEE COMPUTER SOCIETY CHAPTER

Home Work
Chairman: Jorge Medina 2008 Las Palmas Circle (305) 261-1557 (305) 834-9600
Orlando, FL 32822

Y-Chairman: Steve Forsythe 1420 Stormway Court (305) 886-2231 (305) 244-1166
Apopka, FL 32703

IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER

Home
Chairman: N. Ranganathan (Ranga) (305) 281-4730
1201 S Saloon Dr. #213
Orlando, FL 32826

Y-Chairman: H. Narayen Ashok (305) 657-2464
1372 West Edgeway Avenue
Winter Park, FL 32792

NOVEMBER NOTES:

1. Dr. Willis K. King, Chairman, distinguished visitor's program has approved the request for Dr. Benjamin W. Wah, November 25, 1985, and Dr. S. H. Rady, December 5, 1985.

2. Dr. Willis K. King did not approve the request from the Student Chapter for Dr. Dhiraj K. Pradhan since he is not in the 1985-1986 Distinguished Visitor's Program. Therefore the meeting scheduled for November 4, 1995 at UCF was cancelled.

3. Dr. Benjamin W. Wah requested his presentation be changed from November 25 to November 26, 1985.

4. The student branch chapter is planning to raising funds by selling IEEE T-shirts.

5. In order to get a broader exposure of the IEEE Computer Society meetings the following magazines will publish our meeting notices: Calendar(Orlando Sentinel; Star), Data Bus, Computer Shopper and Computer Monthly(Orlando Business Journal).
<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker/Meeting</th>
<th>Location/Time</th>
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| 26 Nov., 1985 | **Benjamin W. Wah**  
U. of Illinois  
"Computer Architectures for Artificial Intelligence Applications" | U.C.F.  
Computer Science Bldg.  
C22 Room 103  
3:00 to 4:30 P.M.  
Kane Furniture Conf. Room  
Trent of Colonial Plaza Mall  
7:00 to 8:30 P.M. |
| 5 Dec., 1985 | **S. M. Reddy**  
U. of Iowa  
"CMOS Digital Circuits - Fault Diagnosis Design for Testability and Built-In Testing" | U.C.F.  
Computer Science Bldg.  
C22 Room 103  
3:00 to 4:30 P.M.  
Kane Furniture Conf. Room  
Trent of Colonial Plaza Mall  
7:00 to 8:30 P.M. |
| Jan., 1986  | **Christ Porick**  
Hunter & Rady  
"YRTX/68000" | Kane Furniture Conf. Room  
Trent of Colonial Plaza Mall  
7:00 to 8:30 P.M. |
| Feb., 1986  | **Thomas Reaick**  
Lockheed Georgia  
"Image Understanding" | TBD |
| Mar., 1986  | **Steve Forsythe**  
"Digital Electronic Music" | Kane Furniture Conf. Room  
7:00 to 9:00 P.M. |
| Apr., 1986  | Chapter Tutorial Video Course TBD | U.C.F.  
Kane Furniture |
| May, 1986   | **L. Jorge Medina & Steve Forsythe**  
"Software Standards and Practices" | Kane Furniture Conf. Room  
7:00 to 8:30 P.M. |
| June, 1986  | Speaker and Topic TBD | TBD |
| July, 1986  | Chapter Tutorial Video Course TBD | U.C.F.  
Kane Furniture |

* Invited, awaiting response  ** Accepted; finalizing plans  *** Firm
October 15, 1985

Mr. Jorge Medina
2028 Las Palmas Circle
Orlando, Florida 32822

Dear Mr. Medina:

In response to your request for a Distinguished Visitor, I am happy to inform you that I am able to approve your request for Dr. Benjamin W. Wah, November 25, 1985, and Dr. S. M. Reddy, December 5, 1985. Dr. Dhiraj K. Pradham is not in the 1985-86 program.

You are encouraged to coordinate your Distinguished Visitor request with other chapters in your region and preference will be given when the speaker can visit more than one chapter in one trip.

Yours sincerely,

Willis K. King

/dd
cc: Dr. Benjamin W. Wah
    Dr. S. M. Reddy
COMPUTER SOCIETY
MEETING ANNOUNCEMENT

DATE: 5 December, 1985

PLACE: University of Central Florida
        Computer Science Bldg.
        CC2 Room 103
        3 - 4:30 PM

               Kane Furniture Conference Room
               2661 E. Colonial Drive, Orlando
               7 - 8:30 PM

TOPIC: CMOS Digital Circuits-Fault Diagnosis Design
       for Testability and Built-In Testing

SPEAKER: Dr. S. M. Reddy, Professor and Chairman
         Department of Electrical and Computer Engineering
         University of Iowa

ABSTRACT

Complementary MOS (CMOS) technology is becoming an important, if not
the dominant, VLSI Technology. Failures in CMOS digital circuits have to
be handled in ways different than the ones proposed earlier for bipolar and
other MOS technologies, thus requiring new fault diagnosis, testable
designs and built-in testing of CMOS logic circuits will be presented.

All members and industrial representatives are invited.
For more information contact Jorge Medina (834-9560) or Steve Forsythe
(244-1166).
APPLICATION FORM FOR THE
1986 U.S. MICROMOUSE CONTEST
Sponsored by IEEE Computer Society

Name of Mouse: ___________________________
Name of MicroHouseMasterMind: ___________________________

Street Address: _____________________________________________

City: __________________ State: __________________ Zip: ________

Day: __________ Evening: __________ (Specify best time to contact)

Bus Telephone: _______ Res. Telephone: _______

Company Name: _____________________________________________

Student: Yes _____ No _____

If yes: Name of University or College: __________________________

MicroHouseMasterMind Signature: ___________________________

Date: _______________________

Return completed form to: MicroMoses / IEEE Computer Society / 10662 La Via Querencia Circle / Las Alamitas, CA 90720
Effective April 1964

Contestants in the Micromouse Contest are required to build a robot which can negotiate a specified maze, the winner being the robot navigating the maze in the shortest time. A robot participating in this contest is termed a micromouse.

1. Rules for the micromouse

1-1. A micromouse shall be self-contained. A micromouse shall not use an energy source employing a combustion process.

1-2. A micromouse shall not leave part of its body behind while negotiating the maze.

1-3. A micromouse shall not jump over, climb, scratch, damage, or destroy the walls that constitute the maze.

1-4. A micromouse shall not be larger, either in length or in width, than 25 centimeters. The dimensions of a micromouse which changes its geometry during a run shall not be greater than 25 cm x 25 cm. There are no restrictions on the height of a micromouse.

2. Rules for the maze

2-1. The sides of the maze walls shall be white, and the top of the walls shall be red. The floor shall be black. The truck of the maze shall be made of wood finished with gloss paint.

2-2. The maze shall be composed of a 15 cm x 15 cm square. The maze shall consist of 16 x 16 unit squares. The walls constituting the maze shall be 5 cm high and 1.2 cm thick. The outside walls enclose the entire maze. (Refer to Figure 1.)

2-3. The start of the maze shall be located at one of the four corners. The mouse shall begin negotiating the course in a clockwise direction. At the center of the maze, there shall be a central square which is composed of four unit squares. This central square shall be the destination. At the center of the square shall be a red light, 20 cm high and each side 25 cm.

2-4. Small squares, each 1.2 cm x 1.2 cm, at the four corners of each unit square are called lattice points. The maze is so constituted that there is at least one wall at a lattice point, except for the destination square. (Refer to Figure 1.)

3. Rules for the contest

3-1. Each contestant micromouse shall be subject to a time limit of 15 minutes. Within this time limit, the micromouse must try to make up to 10 runs. The minimum time required to negotiate the maze shall be the official time.

3-2. The time taken to negotiate the maze shall be measured by infrared sensors set at the start and destination.

3-3. Each run shall be made from the start. The operator may abort a run at any time, if an operator touches his micromouse ending a run, it is deemed to be aborted. When an operator aborts a run, he shall remove the micromouse from the maze immediately.

3-4. After the maze is completed, the operator shall not feed information on the maze into the micromouse.
3.5 The illumination, temperature, and humidity of the room in which the maze is located shall be those of an ambient environment. Requests to adjust the illumination shall not be accepted.

3.6 The referees reserve the right to stop a run, declare disqualification, or give instructions as the events appropriate.

Appendix

(1) Dimensions of a micromouse

The sum of the lower structure of a micromouse is constrained to be the size of the maze and the provisions of Article 1.4.

(2) Structure of the maze

The precision with which the maze is made is that commonly used for similar structures, and there may be an element of error in the dimensions. As the maze is designed to be finished, the design may produce gaps of approximately 1 cm between sections of the walls.

(3) Adjustment to the mouse during the contest

Within the time limit of 15 minutes, the operator may replace batteries, adjust sensors, change size, repair, test programs, and replace ROM. The operator may not, however, tamper with the micromouse in a manner which alters its weight.

(4) Positions of sensors

Start sensor: At the boundary between the starting unit square and the next unit square.

Destination sensor: At the entrance of the destination square.

The infrared beam of each sensor is horizontal and positioned 1 cm above the floor. (Illustrated in Figures 2 and 4.)

(5) The red post at the destination

The red post at the center of the destination square may be removed if an operator requests before his run.

(6) Notes

(a) Please note that the following rules are rigid and enforced:

(i) A run becomes invalid if the mouse hits a wall.

(ii) No more than 10 runs are allowed during the time period of 15 minutes.

(b) These may be unit squares which are not beside walls.

Figure 3. Maze used in the Third All-Japan Micromouse Contest (1980).

Figure 4. Maze used in the Fourth All-Japan Micromouse Contest (1981).
<table>
<thead>
<tr>
<th>Date/Location</th>
<th>Main Speaker/Topic</th>
<th>Alternate Speaker</th>
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</thead>
<tbody>
<tr>
<td>10-2-85 HP</td>
<td>Dr. Ken Carr *</td>
<td>OPEN -</td>
</tr>
<tr>
<td></td>
<td>MTT National Lecturer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&quot;Microwave Detection and Treatment of Cancer&quot;</td>
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<tr>
<td>10-24-85 HP</td>
<td>Mr. L.C. Hoots *</td>
<td>Mr. Bill Sasser</td>
</tr>
<tr>
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<td>Brunswick Corporation</td>
<td>Martin Marietta</td>
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<td></td>
<td>&quot;Introduction to Radar&quot;</td>
<td>&quot;Digital Beam Forming&quot;</td>
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<td>11-20-85 HP</td>
<td>Dr. Glenn Smith *</td>
<td>OPEN -</td>
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<td></td>
<td>Georgia Institute of Technology</td>
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<td></td>
<td>&quot;Measurement of Electrical Properties of Materials Using Antennas&quot;</td>
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<tr>
<td>12-19-85 HP</td>
<td>Dr. Jon Young *</td>
<td>Dr. Dennis Cowdridge</td>
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<tr>
<td></td>
<td>Ohio State University</td>
<td>Martin Marietta</td>
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<td>&quot;Diagnostic Radar Cross Section Measurements&quot;</td>
<td>&quot;RCX Estimation&quot;</td>
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<td>1-16-86 UCF</td>
<td>Dr. Hal Schrank *</td>
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<td></td>
<td>AP Distinguished Lecturer</td>
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<td></td>
<td>&quot;Low Sidelobe Reflector Antennas&quot;</td>
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<tr>
<td>2-20-86 HP</td>
<td>Mr. Harlan Howe *</td>
<td>OPEN -</td>
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<td></td>
<td>MTT President</td>
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<td></td>
<td>&quot;Millimeter Waves&quot;</td>
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<tr>
<td>3-20-86 HP</td>
<td>Mr. James Cook *</td>
<td>OPEN -</td>
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<td></td>
<td>Scientific Atlanta</td>
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<td></td>
<td>&quot;Satellite Communications Antennas&quot;</td>
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<td>4-17-86 GCF</td>
<td>Mr. Robert Muson *</td>
<td>OPEN -</td>
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<td>Ball Aerospace</td>
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<td>&quot;Microstrip Antennas&quot;</td>
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<td>5-19-86 HP</td>
<td>OPEN -</td>
<td>Mr. Fred Wilcox</td>
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<td></td>
<td></td>
<td>Martin Marietta</td>
</tr>
<tr>
<td></td>
<td>&quot;Synthetic Aperture Radar&quot;</td>
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</tr>
</tbody>
</table>

* - Will also speak on preceding evening at South Brevard/Indian River
  HP - Hewlett Packard Company, 6197 Lake Eolaor Drive, Orlando
  UCF - University of Central Florida, Alafaya Trail, Orlando

The Alternate Speaker will speak in the event that the Main Speaker is unable to appear.
Dear Members, Students, and Affiliates:

"...to assemble, read, and discuss papers and matters relating to our trade or professions and at the same time enjoy pleasant personal and social intercourse, all of which is conducive to improvement and advancement in ideas, theories, practice, business, and good fellowship."

In the spirit of the above excerpt from the original prospectus of the AIEE, we invite you to participate in our chapter activities during the coming year by attending our monthly meetings, encouraging others to attend and perhaps join IEEE, volunteering to speak to our chapter and others, and by participating in the conduct of chapter business.

Our first meeting will feature the MTT National Lecturer, Dr. Ken Carr. It will be hosted by Hewlett-Packard Company at their regional sales office in Orlando Central Park. Other local companies are also invited to act as meeting hosts. A meeting notice and agenda is enclosed for your use.

A schedule of our planned meetings is enclosed for your continuing reference throughout the year. Meeting notices will be sent to and posted at various organizations a few days prior to each meeting. A distribution list is shown on the back of the enclosed notice. Meetings will also be advertised in the Section Notes.

A membership application is enclosed for your use in recruiting new members. MTT (not IEEE) membership is free the first year.

We welcome more volunteers to serve as alternate speakers as indicated by the openings on the program schedule. Alternate speaker's names and talks are also being sent to neighboring chapters for consideration. We thank these volunteers very much for supporting our program in this important way.

We also welcome volunteers to serve in the chapter organization. An election will be held next April.

We are looking forward to seeing you at as many of our meetings as possible. You can maximize the return on your regional assessment by attending these meetings which, we believe, comprise quite a good program.

G.K. Huddleston
Chairman 356-7201

M.J. Hines
Vice Chairman 356-6549

B. Smallwood
Secretary 859-2900

T.C. Picard
Local Arrangements 356-7332

iowa11
TO: EXECUTIVE COMMITTEE.

The next Executive Committee meeting will be:

Tuesday, December 5, 1983
5:30 PM
at
University of Central Florida
New College of Engineering
Room 487
Building 48 CEBa
Aquarius Drive
Orlando, FL 32884

Respectfully,
Geoffrey E. Dick
Secretary,
IEEE Orlando Section
<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS/M.P.</th>
<th>ZIP</th>
<th>OFFICE PHONE</th>
<th>HOME PHONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geoffrey Dick</td>
<td>1014 Carroll Drive, WP</td>
<td>32792</td>
<td>356-7752</td>
<td>678-0977</td>
</tr>
<tr>
<td>Carol F. Schumacher</td>
<td></td>
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<tr>
<td>Bruce F. Matthews</td>
<td>8111 Dynasty Way, Miami</td>
<td>33147</td>
<td>372-3455</td>
<td>345-0574</td>
</tr>
<tr>
<td>Hal Brown</td>
<td>8126 Coral Ave, OH</td>
<td>31154</td>
<td></td>
<td></td>
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<tr>
<td>Enrico Taroni</td>
<td>P.O. Box 21602, OR</td>
<td>32337-7602</td>
<td></td>
<td>282-3564</td>
</tr>
<tr>
<td>R. W. Pate</td>
<td>6667 Galena Ave</td>
<td>32206</td>
<td>22806</td>
<td>215-4816</td>
</tr>
<tr>
<td>Glenn Pate</td>
<td>2500 Cherry Dr, Kaitel</td>
<td></td>
<td></td>
<td>649-2267</td>
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<tr>
<td>T. J. Ellis</td>
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<td>32780</td>
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<tr>
<td>David F. Flinchbaugh</td>
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<tr>
<td>Thank Fluet</td>
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<tr>
<td>Alan Malboe</td>
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<tr>
<td>Christo Christofon</td>
<td>1421 Late Douglas Pl</td>
<td>33217</td>
<td>281-5831</td>
<td>657-5126</td>
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<tr>
<td>Woody Charfa</td>
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<td>George Tract</td>
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<tr>
<td>Pat Pahl</td>
<td></td>
<td>381-5792</td>
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<tr>
<td>Mike (Mom)</td>
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<tr>
<td>Jim (Mom)</td>
<td></td>
<td>96-3508</td>
<td></td>
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<tr>
<td>Brian McNamara</td>
<td>513 Jefferson Terrace</td>
<td>30004</td>
<td>357-5226</td>
<td>951-5112</td>
</tr>
<tr>
<td>Mark V. McMillan</td>
<td>SAME</td>
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</table>
Date: December 3, 1985

Location: CBA Building 46, Room 407, Conference Room
University of Central Florida, Orlando Florida

Attendees:
- George B. Taack, Jr.  
- Frank Fluet
- Don Malocha  
- Brian Vancata
- Carl Schunemann  
- Norm Lawton
- Geoffrey E. Dick  
- Harold Brown
- Ed Ellis  
- David Flinchbaugh
- Madijd Belkerdidi  
- Woody Carter
- Parveen Wahid  
- Glenn Porz
- Bruce E. Mathews  
- Ben W. Patz
- Christos Christodoulou  
- Enrico Iacobbi
- Jim Fryan

1. The meeting opened at 5:45 pm by Executive Committee Chairman, George Taack. A quorum was present. It was noted that two attendees were holding 2 votes each as a result of dual roles as officers. Don Malocha is serving as Vice Chairman of the Orlando Executive Committee and is Chairman of the newly formed Sonics & Ultrasonics Society Chapter. Geoffrey Dick is the Orlando Executive Committee Secretary and Chapters Chairman.

2. The minutes of the November 5, 1985 meeting was approved by attendees with the following corrections: item 21, add Brian Petrasco's last name. Correct room number from 49 to 407 on cover letter map. With these corrections, the minutes were approved by vote of the Executive Committee.

3. Treasurer's Report - Carl Schunemann:
Carl submitted a hand-written December 3, 1985 Treasurer's report (attached) for review. Our checking account has dropped from $4755.52 to $4260.64. The Pickett Printing disbursement represents the second half of the invoice for the October issue of the Section Notes. The total bill is slightly over $760. A motion to accept the Treasurer's report was moved and seconded. The motion passed.

4. Conference Committee - Frank Fluet:
The committee held a meeting on November 25 for members Ed Ellis, Frank Fluet, and John Gilbert. A detailed report dated December 3, 1985 by Frank Fluet is attached. The committee decided on a selection of a set of societies to send "conference invitation" letters to which are included in the report. A general cover letter will be sent to the president of each society with expectation that it will be passed on to the appropriate conference chairman or committee. Since it will be a "general" letter, immediate short-term response is not expected. The letter will be augmented with a "A Sampling of Engineer Employers in and around Central Florida" to illustrate to the Societies that we are in the center of a large High-Tech area. Frank has received some materials from Connie McConnell, of the Orlando/Orange County Convention & Visitors Bureau, Inc.
Frank reported on two items that were in recent newspaper articles, of interest to the Program committee. The Orlando World Conference Marriott coming on line in May 86, which will be the largest hotel in Florida with 1500 rooms, sitting on 175 acres near Walt Disney World. It will have 130,000 sq. ft. of meeting space available for conferences. This will be $9,000 rooms available in Florida by the end of 1986, 60,000 by the end of 1988. We are in a very good position to accommodate technical meetings.

5. At the tail end of Frank Fluet's report, this month, is a Listing of IEEE Fellow and Senior Members in Orlando. George Taack noted that this list will be needed for the February Banquet by the Program Committee headed by Conrad Blankenue.

6. Ed Ellis suggested a short article in the Section Notes be written to call to the attention of eligible members to upgrade their membership in IEEE. Woody Carter has application forms for this.

7. Programs - Conrad Blankenue (absent)

George Taack, reporting for Conrad, announced that the Engineer's Week Banquet has been set for Saturday, February 19, at the Langford Hotel. Dave Finchbaugh is attempting to make arrangements to invite an Astronaut to speak, and will know in about 10 days who will be able to come.

8. Publications - Norm Lawton

The total bill for publication of the November Section Notes was $618 for type setting at Pickett Printing. The previous month was $350.74. The number of pages are identically the same. An investigation is in order. Submittal of Articles for the January Section Notes are due December 12.

A suggestion forwarded via the Executive Committee Secretary from G. Keith Middlen was offered. Members of the Executive Committee should consider locating a printer who offers "type setting service substantially cost saving.

Discussion of the bulk rate mailing of the Section Notes noted that it is in a postal class by itself. It no longer falls in the category of 3rd or 4th class mail. George Taack recalled that it is supposed to have a 2-day time value, (acted on by the Post Office within 2 days of receipt). Ed Ellis felt we were getting this service, his last issue of Section Notes was delivered to his home 1 week after the last meeting.

9. Awards - Ben Patz

Each Society Chapter is to nominate one candidate for 'Engineer of the Year'. Nominations are to be reported to Ben by the 3rd week in January, sooner if possible. A question was raised if an award bond will be offered to the outstanding graduate student. Frank Fluet recalled that the Executive last year approved budget money for this activity. Ben Patz responded to a question: "Who nominates the Student candidates?". Ans. "Nominations are made by the Electrical Engineering Faculty for one Outstanding Graduate, and one Outstanding Senior Under-
December 3, 1985 Executive Committee Minutes - continued

graduate Student. Christos Christodoulou, Student Chapter Chairman, accepted the task of obtaining the two $25 award bonds from the Post Office, to be presented at the February 15 Awards Banquet.

10. Enrico Iacobi presented to the Executive Committee a request for funds for the Student Satellite Project. Attached to the minutes is an itemized proposed budget for parts for the dish, base, receiver, and LNA totaling $484.00 which was submitted. A motion was approved to allocate $500 for the Student Satellite Project. Carl Schunemann, Treasurer, wrote a check out to the IEEE Student Section for $500.00 immediately after the vote.

11. Membership Report - Woody Carter
The active membership for the end of September was 1879. This is up 13 from the month before.

12. Advertising - Brian Vancata
Chairman George Taack announced that Brian Vancata has accepted the position of Advertising Manager for the Orlando Section Notes. Brian, in launching his advertising campaign, has recruited his own employer to place an in the December issue (see enclosure). Using this as an example, he solicited Executive Committee members to approach their individual employer advertising departments to place an ad in our publication. Brian also needs a decision on advertising rates to allow him to contact additional advertisers with an offer. George Taack will be providing a listing of member employers to use as source of leads. He can also use a list of advertisers in arrears.

Frank Fplet reported that he sent John Gilbert a memo to collect $75 for advertising on an ad placed by Vince Dinico, by the University for a Satellite Tutorial last February. Our new Advertising Manager needs to find out if John sent them an invoice.

Don Malocha brought in to the meeting an issue of the American Vacuum Society Section Notes. Approximately 100 cards from advertisers are illustrated, 15 cards per page, at $10 per month per card.

Approval was granted for running an ad in the next Section Notes for solicitation of advertisers.

13. Southcon - Ed Ellis
Notifications and advertising for this conference will start rolling in January with mass mailings to IEEE members. A letter has been sent to every Chairman of every section in Florida, and every member of last year’s ‘inner circle’ to help in activities.

14. AES - Dave Flinchbaugh
Dave reported having received a check from AES Headquarters. He will be conducting a Plant Tour of McDonnel Douglas for the Canaveral Section on December 10. Another tour will also be conducted for the Lasers Section of Robotics International.

DECUSMTG.IEEE Page 3
15. Appointment to IEEE Fellow: Dr. David E. Flinchbaugh
The IEEE Board of Directors has elected Dr. Flinchbaugh to the highest
grade of membership, Fellow, which will go into effect on January 1,
1986. Charles A. Eldon, 1985 IEEE President, has sent Dave a congra-
tuatory letter which is attached to the minutes.

On November 14, a meeting was held at Stromberg-Carlson with 38 people
attending. The next meeting is tentatively planned for February.

Ed Ellis reported that he wrote a letter requesting Headquarters to
make Vehicular Technology and Communications Society a Joint Chapter.
As soon as soon as he receives word that it has been approved, Ed
plans to send out a letter to Vehicular Technology members to try to
obtain renewed participation.

17. Computer Society - Jorge Medina (absent)
Ben Peltz reported for Jorge. Dr. Tom Rewick, Lockheed Georgia, has
been invited to come speak on Artificial Intelligence in the January or
February time frame. (A report received from Jorge after the
meeting clarified the date to February 28, 1986) Report is attached.

No report.

19. AP/MTT - G. K. Huddleston (absent)
Geoffrey Dick reported for Keith. On December 19 Dr. John Young from
Ohio State University, will be speaking on "Radar Cross Section Mea-
surements". The meeting will be at Hewlett Packard, 5:30pm. A $200
check has been received by Mr. Huddleston for presentation at the
January 23, 1986 meeting.

Christos Christodoulou has 40 visitor passes for January 23, 1986 for
the technical presentation by Shrenk with B passing passes.
Parveen will be holding these passes as an alternate to Christos.

20. PES & IAG - Mike Haddad (absent)
Geoffrey Dick spoke with Mike Gonzalez who was also unable to attend.
Mike is on assignment in China. On November 14 PES held a meeting on
an "Update on Steam Turbine Generator On-Line Diagnostic System using
Artificial Intelligence" at Westinghouse. Twelve people attended.

21. Electromagnetic Compatibility Group - Formation of
Chairman George Taack announced that Brian Vancata has accumulated
enough signatures on petitions to form a local chapter. George has
written a letter to Headquarters requesting approval (attached).

22. Sonics and Ultrasonics - Don Malocha
A meeting was held on November 10 had 15 people attending. Two requests
for $15 each were sent out to SAWTECH and PTI. A meeting with dinner
and lecture is scheduled for January 27, 1986. There will be National
Lecturer speaking on "Transducers, Sensors, and Actuators". Cost will
be $25 per plate for a steak type dinner, at the House of Beef.

DECO8MTG. IEEE
OLD AND NEW BUSINESS

23. Glenn Portz has been investigating video tutorials, in particular an digital signal processing course. He raised the question "Would the Section be interested in sponsoring such a course?" Oppenheimer of MIT has prepared a taped course available for $250 to buy it, or to rent it at a lesser amount. The course consists of 22 sessions, designed to be covered in 11 weeks, and it includes a set of study guide books. The video course could be used as a tutorial to help put money back into the treasury. The Education Standing Committee will investigate this, along with a number of other video tutorials.

24. George Taack announced that the IEEE Board of Directors Meeting to recognize and decide the outstanding executives in industry, government, and education in from Japan, Western Europe and United States, will be holding a meeting on February 18 and 19 in St. Joe. Anyone interested in attending, George is holding a brochure with details.

25. Headquarters sent the Section Chairman a survey form to identify additional services IEEE might be able to offer to the membership. Ed Ellis suggested that Headquarters could offer a service of listing companies that employ IEEE engineers in an area, without listing the employees, it could be a great help to an unemployed engineer seeking work. This type of service could be accomplished through a computer data base.

26. A suggestion for possible advertising to support the Section Notes and at the same time to provide a service to membership seeking new opportunities was made by George Taack. The Section Notes would be an ideal method to focus advertising for job opportunities to engineers by various aerospace companies who are spending large dollars through the mass media.

27. Brian Vancata requested that the Executive Committee soon decide on required advertising rates to charge for the Section Notes. George Taack stated that he is working up some figures to attempt to make it self-supporting. When the calculations are complete, a telephone poll will be made of the Executive Committee before the new rates will be released.

28. The meeting adjourned at 3pm.

Respectively submitted by,

Geoffrey E. Dick
Secretary, Orlando Section
IEEE ORLANDO SECTION
TREASURER'S REPORT
DECEMBER 3, 1985

CHECKING ACCOUNT BALANCE
NOVEMBER 5, 1985  TREASURER'S REPO NT  $4,756.57

DEPOSITS

11-6-85  CASH FROM ED ELLIS, FOR IEEE CABLE
         $8.00
11-6-85  IEEE CHECK, #10, 282-17, TO EDWARD GARCIA, IEEE
         FOR 5/8 MEMO
         250.00
11-12-85  SEEK CHECK #288-85 TO JAMES NUCKLE, SEEK
         FOR 10/28-85 MEMO
         100.00

TOTAL DEPOSITS:  $330.00

DISBURSEMENTS:

# 1233  D. C. MALOCHI
EXPENSES FOR 10-28-85 MEETING, PER 11-5-85 MEMO
$33.62

# 1239  PICKET PRINTING CO.
OCTOBER SECTION NEWSLETTER
INVOICE 12-20-85
350.71

# 1240  NORMAN H. LAWTON
NEWSLETTER POSTAGE
REIMBURSEMENT
15.22

# 1241  GENE H. HUBBARD
MTT/AP MEETINGS 11-28-85
11-28-85 AND 11-25-85 MEETING EXPENSES, PER
11-30-85 MEMO
145.09

# 1242  HERITAGE PRESS
BALANCE OF INVOICE
OF 10-12-85 FOR NEWSLETTER
ONE-HALF OF 75.00
80.92

TOTAL DISBURSEMENTS:  $853.88
ACCOUNTS RECEIVABLE
NEWSLETTER ADVERTISING FEE
$45.00

SUMMARY

CHECKING ACCOUNT BALANCE
NOV. 5, 1985 REPORT
$4,756.32
PLUS DEPOSITS
354.00
SUBTOTAL
$5,114.32
LESS DISBURSEMENTS
838.88
CHECKING ACCOUNT BALANCE
DECEMBER 9, 1985
$4,260.44
PLUS ACCOUNTS RECEIVABLE
45.00
PLUS DEFERRED FUND BALANCE
NOVEMBER 1, 1985
1,654.90
GRAND TOTAL
$5,962.54

RESPECTFULLY SUBMITTED,

[Signature]

CARL F. SCHUERMANN
TREASURER
November 19, 1985

Ms. Kathleen Ruggeri
IEEE Field Activities
445 Hoes Lane
Piscataway, NJ 08854

Dear Ms. Ruggeri,

The Communications Society and Vehicular Communications Society of the Orlando Section wish to operate as a joint chapter. The Communications Society Chapter is currently active, but the Vehicular Technology Chapter has been inactive for a number of years. We feel a joint chapter can add strength to the Communications Society Chapter and simultaneously provide a mechanism for serving the interests of the Vehicular Technology Society members without first enlisting leadership for VT chapter operation.

Sincerely,

Thomas E. Ellis
Senior Past Chairman

Original Signed by
GEORGE B. TAACK, JR.

George B. Taack
Chairman
FIELD SERVICES DEPARTMENT
LABEL/ROSTER REQUEST FOR GEOGRAPHIC UNITS

IEEE/89/FS 25

PLEASE ALLOW THREE WEEKS TO SERVICE REQUESTS.

IEEE FIELD SERVICES
445 HOES LANE
PISCATAWAY, NJ 08854 USA

COUNCIL or SECTION NAME:

GEO CODES:

Grades: All Higher X or HM LF LS SM FS LM

PM GM LS A GA

Affiliates
Students

PURPOSE OF LIST (check one):

Newsletter Meeting Notice Roster for Administrative Purposes

Other (please explain):

WILL IDENTICAL ORDERS BE PLACED IN THE FUTURE? (check one):

Yes, to be run on the of the months indicated below (check one):

January February March April May June July August September October November December

Every month until the month of

Until further notice

LABEL/PAPER FORMAT & TYPE (check one).

See current price sheet for costs:

Four-Across Avery Self Adhesive
Four-Across Ungummed Chexiple
Listing Four-Across on Stock Paper
Company Roster Listing

SORT FACTOR (check one):

Alphaetatic Zip Code

Grade Other

NUMBER OF COPIES NEEDED AT THIS TIME:

SHIP VIA (check one):

First Class Parcel Post Air Mail

Other

The name and address as written below will be used to mail the information of receipt of this order.

Your name and address as written below will be used to mail the materials.

OTHER: Describe Requirements

Bill To:

George B. Taack, Jr.

4 ROBINWOOD DRIVE

LONGWOOD, FLORIDA 32779-9743

GEORGE B. TAACK, JR.

SHIP TO

4 ROBINWOOD DRIVE

LONGWOOD, FLORIDA 32779-9743

FIRST CLASS

RETAIL FOR RECORDS

FIRST CLASS

GEORGE B. TAACK, JR.

Telephone No. 1-305-321-0319

OFFICE:

Chairman

This order is authorized by:

George B. Taack, Jr.

Note to Field Services:

Questions regarding this order should be directed to:

IEEE/89/FS 25

IEEE/89/FS 25

IEEE/89/FS 25

IEEE/89/FS 25

IEEE/89/FS 25

IEEE/89/FS 25

IEEE/89/FS 25
Conference Committee Report

To: Executive Committee, Orlando Section of IEEE.

From: Frank Fluet, chairman, Conference Committee

December 3, 1985

1. A meeting of the Conference Committee was held at Ed Ellis' house at 7:30 PM, 11/25/85.
   a. Attendees: Ed Ellis, Frank Fluet, John Gilbert (via telephone)
   b. We selected a set of Societies to send "Conference Invitation" letters to (see attached).
   c. I will ask Connie McConnell, an account executive of "Orlando/Orange County Convention & Visitors Bureau, Inc.", to send details of Orlando convention support/services to the same list of Society Presidents. (See Ms. McConnell's sample letter attached).
   d. I will compile names and addresses of Society Presidents for mailing.
   e. Next meeting will be after Executive Committee meeting 12/3/85.
<table>
<thead>
<tr>
<th>SOCIETY</th>
<th>SOCIETY MEMBERS IN ORLANDO SECTION (# AS OF 11/24)</th>
<th>SOCIETY HAS ORLANDO CHAPTER</th>
</tr>
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<tbody>
<tr>
<td>1. ED</td>
<td>18</td>
<td>*</td>
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<tr>
<td>2. AES</td>
<td>44</td>
<td>*</td>
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<tr>
<td>3. AP</td>
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<td>*</td>
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<tr>
<td>4. COMM</td>
<td>80</td>
<td>*</td>
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<td>5. C</td>
<td>292</td>
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<td>6. IA</td>
<td>21</td>
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<td>7. MTT</td>
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<td>8. SU</td>
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<td>9. VT</td>
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<td>*</td>
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<td>10. ASSP</td>
<td>43</td>
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<tr>
<td>11. CS</td>
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<td>13. CAS</td>
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<td>15. LEO</td>
<td>13</td>
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</table>
A Sampling of Engineer Employers in and around Central Florida

Martin-Marietta
Harris
Stronberg Carlson
Westinghouse
General Electric
Gould SEL
Mod Comp
NASA (Kennedy Space Center)
Burroughs
Southern Bell
Automation Intelligence
Lockheed
Paradyne
Piezo Technology
Racol-Milgo
NCR
Florida Power
Florida Power & Light
Naval Training Equipment Center
E-Systems
Sperry
Repc0
Motorola (Communications)
Coulter Electronics
Lockheed
University of Central Florida
DBA Systems
Documation
Rockwell International Corp.
Sawtek
ORLANDO/ORANGE COUNTY
CONVENTION & VISITORS BUREAU, INC.

November 1, 1985

Mr. Frank Fluet
Chairman of Conference Committee
do Orlando Section of IEEE
Automation Intelligence, Inc.
1200 West Colonial Drive
Orlando, Florida 32804

Dear Mr. Fluet:

On behalf of the Orlando community and the Orlando/Orange County Convention and Visitors Bureau, I would like to take this opportunity to invite you to consider Orlando as most community for your special test group of IEEE. Accordingly, the following information is presented to you for your perusal.

Mr. Fluet, I regret that I am not there personally to share with you the many fine attributes of Orlando as a convention/meeting destination. However, I would like to attempt to relay my enthusiasm about Orlando in this letter to you. Having moved here eight years ago from the Nation's Capitol, I do have "first hand" knowledge regarding this city's marked upward mobility as it relates to the convention industry. During my 16 year tenure as a meeting planner, I have had the opportunity to visit many convention cities and quite frankly feel that by comparison—Orlando has quite alot to offer!

Already established as a premier tourist destination, Orlando is well on its way to becoming the nation's NUMBER ONE MEETING AND CONVENTION DESTINATION. Few, if any, destinations can offer such diversity in their meeting facilities, accommodations and recreational/entertainment opportunities.

Within the Orlando/Orange County boundaries, you will find over 50,000 HOTEL ROOMS comprised of facilities suitable to any groups needs. As the sight of many "flagship" properties for major hotel corporations, Orlando offers something for everyone's budget from the most luxurious of resort properties to the more modest, "strictly basic" properties.

The Marketplace, Suite Six, 7600 Dr. Phillips Blvd., Orlando, Florida 32819 Telephone: (305) 345-8882

Honorary Chairman, The Honorable Fran Carlton, State Representative
Additionally, MAJOR ATTRACTIONS in and around the Orlando area offer unlimited entertainment possibilities for your attendees. Walt Disney World's Vacation Kingdom, including the Magic Kingdom and EPCOT Center, continues to be the world's most famous attractions, drawing approximately 24,000,000 visitors each year. Sea World, Circus World, Wet-n-Wild, The Kennedy Space Center and many others within a short driving distance of Orlando add to this list of major attractions. These attractions all offer a variety of spouse programs, children's activities, tours and themed activities for your convention group. Golf, tennis and water sports of all kinds abound!

CULTURAL ACTIVITIES may include performances by the Florida Symphony, the Orlando Opera Company, a Ballet, a Broadway Play, or a tour of one of our many galleries and museums.

Within a short travel distance of Orlando are an assortment of possibilities of PRE AND POST CONVENTION TOURS, from Historical St. Augustine, America's Oldest City, to the Florida Keys, to anywhere of Florida's beach resorts—or perhaps a dash to the islands would be preferred.

TRANSPORTATION in and around Orlando can be arranged with ease. Rental car agencies abound with desks located in virtually every major hotel in the area, offering rates that are among the lowest in the country. Bus service from the hotels to the area attractions is frequent and inexpensive with some hotels offering complimentary transportation.

Our new, ultra modern ORLANDO INTERNATIONAL AIRPORT, recognized as one of the finest and most efficient in the country, has made Orlando one of the most easily accessible destinations in the world. Presently served by 48 airlines with 480 flights scheduled daily, it is possible to arrange direct or nonstop flights to Orlando from most major cities. Because of Orlando's popularity as a tourist destination you will also find that airfares into Orlando are extremely competitive, thus making it a very affordable destination for your attendees. For those of your members who choose to drive, Orlando lies at the crossroads of Florida's major throughfares, I-4 and the Florida Turnpike, thus making travel easy from any direction.
With an average annual temperature of 72.4, the ORLANDO AREA WEATHER rarely disappoints its visitors. The summer months are cooled by afternoon showers—mid-day temperatures average 91.7 and an average of 70 degrees after sundown. Fall and spring bring daytime temperatures in the mid-80's with a slightly lower temperature in the evening. Winter time offers daily sunshine in the mid-70's. The Orlando office of the National Weather Service reports the following information as the average temperature in Orlando in the last 10 years.

<table>
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<th>MONTH</th>
<th>NORMAL HIGH</th>
<th>NORMAL LOW</th>
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<td>71.1</td>
<td>49.3</td>
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<tr>
<td>February</td>
<td>73.2</td>
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<td>March</td>
<td>78.3</td>
<td>55.3</td>
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<td>April</td>
<td>83.6</td>
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<td>May</td>
<td>88.3</td>
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<td>August</td>
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<td>September</td>
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<td>November</td>
<td>78.2</td>
<td>56.8</td>
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<tr>
<td>December</td>
<td>73.1</td>
<td>50.9</td>
</tr>
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</table>

As you begin to make plans for your convention, we hope you will keep in mind the many SERVICES AVAILABLE THROUGH OUR CONVENTION BUREAU. We believe that we are, in essence, "partners" striving for certain mutual goals, including a smooth running convention that will be a pleasant experience for everyone. Our Bureau employ's a staff of experienced registration personnel. Our team of skilled professionals are knowledgeable in all phases of registration duties and convention related services such as badge typist, CRT operators, cashier's, hostess', and ticket sellers. In addition, the Bureau can provide promotional material for a convention, and assist in providing color separations, black and white art, etc. to enable the group to these your meeting and avoid the cost related with the development of such material.

Mr. Fluet, I certainly hope you have been able to stay with me through all this printed material. In an effort to provide you with a few visuals on Orlando, I am enclosing with this letter a copy of our Meeting Planners Guide and several smaller brochures which will provide you with more detailed descriptions of the many advantages Orlando offers as a meeting destination. Suffice it to say, however, that no other designation in the country can possibly offer as much excitement and appeal to your members. As a special gift, I have also enclosed our brand new 20 year planning calendar.
In closing, I would like to thank you for your time and untiring patience in reviewing the information presented. I sincerely hope that you will allow our community the honor of hosting your future convention and I look forward to working with you further towards the culmination of that event.

Most sincerely yours,

Connie McConnell
Account Executive

CM/drw
Enclosure
## PRICE LIST

### DISH

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<th>SCREEN</th>
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<tr>
<td>STRONG</td>
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MISCELLANEOUS FOR DISH
SCREWS, NUTS, WASHER,...

### BASE

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BUSHINGS

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PAINT

| RED OXIDE PRIMER | 1 qt. | $ 6.00 |
| DUPONT IRON    | 1 qt. | $30.00 |
| REDUCER        | 1 qt. | $15.00 |

### RECEIVER

| VIBIO STAGE      | 1     | $20.00 |
| SUPPLY           | 1     | $ 8.00 |
| DISCRIMINATER    | 1     | $ 5.00 |
| AMPLIFIER        | 5     | $10.00 |
| AUDIO STAGE      | 1     | $20.00 |

MISCELLANEOUS

| PC BOARD       | 1     | $ 5.00 |
| CONNECTORS     | 1     | $20.00 |
| CHASSIS        | 1     | $ 5.00 |

| TRANSISTORS    | 6     | $17.00 | $102.00 |

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| SUB TOTAL | $464.91 |
| SHIPPING  | $ 20.00 |

TOTAL $484.91
TO: Geoffrey Dick  
FROM: Jorge Medina  
DATE: 3 December 1985  
SUBJECT: Current Status of the IEEE Computer Society Chapter – Orlando Section

IEEE COMPUTER SOCIETY CHAPTER  
ORLANDO SECTION  
OFFICERS 1985-1986

IEEE COMPUTER SOCIETY CHAPTER  
HOME  
WORK

Chairman: Jorge Medina  
2008 Las Palmas Circle  
Orlando, FL 32822  
(305) 281-1557  
(305) 834-9600

V–Chairman: Slave Forseythe  
1423 Starmoay Court  
Apopka, FL 32703  
(305) 886-2231  
(305) 244-1166

IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER  
HOME

Chairman: N. Ranganathan (Ranga)  
12013 Solon Dr. #213  
Orlando, FL 32826  
(305) 281-4730

V–Chairman: H. Narayan Ashok  
1372 West Dale Avenue  
Winter Park, FL 32792  
(305) 657-2464

DECEMBER NOTES:

1. The meeting held on 26 November at UCF had an excellent attendance with approximately 70 people. The meeting held on 26 November at Kane Furniture Conference Room had very low attendance with only 3 people. All attendees praised Dr. Benjamin W. Wain for his fine lecture on “Computer Architectures for Artificial Intelligence Applications.”

2. The IEEE Computer Society Richard E. Mervin Scholarships (1986–87) wants to recognize and reward who are active leaders in their IEEE Computer Society Student Branch Chapters and show promise in their academic and professional efforts.
<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker/Meeting</th>
<th>Location/Time</th>
</tr>
</thead>
</table>
| 5 Dec. 1985 | ***S. M. Reddy  
U. of Iowa  
"CMOS Digital Circuits-Fault Diagnosis Design for Testability and Built-In Testing" | U.C.F.  
Computer Science Bldg  
CC2 Room 103  
3:00 to 4:30 P.M.  
Kane Furniture Conf. Room  
Front of Colonial Plaza Mall  
7:00 to 8:30 P.M. |
| 15 Jan. 1986 | **Dave Takacs  
Hunter & Ready  
"VRTA for the 88100" | Kane Furniture Conf. Room  
Front of Colonial Plaza Mall  
7:00 to 8:30 P.M. |
| 20 Feb. 1985 | **Thomas Pedrick  
Lockhead Georgia  
"Image Understanding" | TBD |
| 20 Mar., 1986 | ***Steve Forsythe  
"Digital Electronic Music" | Kane Furniture Conf. Room  
7:00 to 8:30 P.M. |
| 16 Apr., 1986 | Chapter Tutorial Video Course TBD | U.C.F./ Kane Furniture |
| 15 May, 1986 | ***Jorge Medina & Steve Forsythe  
"Software Standards and Practices" | Kane Furniture Conf. Room  
7:00 to 8:30 P.M. |
| 16 June, 1986 | Speaker and Topic TBD | TBD |

* Invited, awaiting response  ** Accepted; finalizing plans  *** Firm
### IEEE COMPUTER SOCIETY CHAPTER
**ORLANDO SECTION**

### 1986 TENTATIVE PROGRAMS AND MEETINGS

**Rev. 4 January 1986**

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker/Meeting</th>
<th>Location/Time</th>
</tr>
</thead>
</table>
| 15 Jan., 1986 | ***Dave Tekacs  
Hunter & Ready  
"VRTX for the 68000" | Kane Furniture Conf. Room  
Front of Colonial Plaza Mall  
7:00 to 8:30 P.M.  
U.C.F.  
Computer Science Bldg.  
C22 Room 103  
3:00 to 4:30 P.M. |
| 28 Feb., 1986 | **Thomas Reuick  
Lockheed Georgia  
"Image Understanding" | U.C.F.  
Engineering Auditorium  
Time: TBD  
Kane Furniture Conf. Room  
Front of Colonial Plaza Mall  
7:00 to 8:30 P.M. |
| 20 Mar., 1986 | **S. M. Reddy  
U. of Iowa  
"CMOS Digital Circuits--Fault Diagnosis  
Design for Testability and Built-In Testing" | U.C.F.  
Computer Science Bldg.  
C22 Room 103  
3:00 to 4:30 P.M.  
Kane Furniture Conf. Room  
Front of Colonial Plaza Mall  
7:00 to 8:30 P.M. |
| 16 Apr., 1986 | ***Steve Forsythe  
"Digital Electronic Music" | Kane Furniture Conf. Room  
7:00 to 8:30 P.M. |
| 15 May, 1986 | ***Jorge Medina & Steve Forsythe  
"Software Standards and Practices" | Kane Furniture Conf. Room  
7:00 to 8:30 P.M. |
| 18 June, 1986 | Speaker and Topic TBD | TBD |

*Invited, awaiting response  **Accepted; finalizing plans  ***Firm
DATE: 15 January, 1986

PLACE: University of Central Florida
Computer Science Bldg.
CUB Room 193
3 - 4:30 PM

Ken Furniture Conference Room
2601 E. Colonial Drive, Orlando
7 - 8:30 PM

TOPIC: VRTX/68000 Applications
Versatile Real-Time Executive
for the 68000 Microprocessor

SPEAKERS: Mr. Dave Tackax,
Hunter & Ready District, Sales Manager for the Southeast
Mr. David Howard,
Hunter & Ready Applications Engineer for the southeast

ABSTRACT

VRTX, the Versatile Real-Time Executive, is a silicon software component that provides operating system capabilities for an embedded computer application. VRTX/68000 is the implementation of VRTX designed for the Motorola 16/32-bit MC68000 microprocessor. In this technical presentation a 68000 application written in C will be demonstrated illustrating the many key features in designing embedded microprocessor applications, including A/D Converters, Serial Communication, and Control of Sampling Rates.

All members and industrial representatives are invited.
December 3, 1985

Dear IEEE Admin. Board Member

This Eaton Ad is an example of the type of ad we should be able to attract in our IEEE Section Notes.

Will each of you please direct this example ad to your Advertising Department. Please feel free to give them my name and number, and I will be happy to work out the details with them.

Also, please mention our large readership (over a thousand qualified engineers and technical personnel).

By the way, this ad will run in this month's Section Notes. Maybe we can stir up some friendly competition with Hewlett Packard or some other worthy house.

Have a great Holiday Season. See you at the next Admin Board Meeting.

Regards,
Eaton 2075
Noise-Gain Analyzer

Noise Figure and Gain Measurements made:
• Simple
• Convenient
• To 1900 MHz

...with Outstanding Accuracy, Resolution and Precision

For additional information, write or call Brian Vancata,
305/857-6226

EATON
Electronic Instrumentation
Division
P.O. Box 560778
Orlando, Florida 32856
Ms. Kathleen Ruggeri
IEEE Field Activities
445 Hoes Lane
Piscataway, NJ 08854

Dear Ms. Ruggeri:

The Orlando, Florida section has approved the formation of a Electromagnetic Compatibility Society and is formally requesting the approval from the Regional Director and the Society President. Enclosed are a number of petition sheets containing some duplicate signatures, however there are more than the required minimum number of signatures.

The interim Chairman and organizer is Mr. Brian Vancata who may be contacted at the following address:

Mr. Brian Vancata
531 Jessmie Jewell Drive
Orlando, Florida 32806

Phones: Office (305) 957-5226
Home (305) 931-3964

We look forward to a favorable approval in the very near future.

Sincerely,

[Signature]

Original Signed by
GEORGE B. TAACK, JR.
George B. Taack, Jr.
Chairman
IEEE Orlando Section

Enclosure(s)
Dr. David E. Flinchaugh
4855 Big Oaks Lane
Orlando, FL 32808

Dear Dr. Flinchaugh:

It is a great pleasure to advise you that the Board of Directors, at its meeting on November 24-25, 1985, has elected you a Fellow of The Institute of Electrical and Electronics Engineers, effective January 1, 1986, with the following citation:

"For contributions to the application of acoustooptic laser technology to signal processing and robotics."

We are pleased to enclose an IEEE Fellow pin which you will want to wear as of January 1, 1986.

Please accept my sincere congratulations on your election to the highest grade of membership in the IEEE.

Sincerely,

Charles A. Eldon
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, January 7, 1985
5:30 PM

at
University of Central Florida
New College of Engineering
Room 407
Building 40 CEBI
Aquarius Drive
Orlando, FL 32884

Respectfully,

Geoffrey E. Dick
Secretary,
IEEE Orlando Section

December 12, 1985

Geoffrey E. Dick
1014 Carvel Drive
Winter Park, FL 32792
Office: (305) 354-7752
Home: (305) 678-8979
From the desk of
Brian J. Vancata

November 6, 1975

Dear Geoff,

Here are the necessary names to start the EMC chapter.

Please route them to IEEE H.Q. after appropriate signature.

If you need any more details, just call. Regards,

Brian
<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Member ID</th>
<th>Printed Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) John Doe</td>
<td>12345</td>
<td>Jane Smith</td>
</tr>
<tr>
<td>2) Mary Johnson</td>
<td>6789</td>
<td>Bob Wilson</td>
</tr>
<tr>
<td>3) Emily Davis</td>
<td>0123</td>
<td>Lisa Brown</td>
</tr>
<tr>
<td>4) Thomas White</td>
<td>4567</td>
<td>David Gray</td>
</tr>
</tbody>
</table>

This section hereby petitions for approval to form a chapter in the Section indicated above. Signature of Section Officer: John Doe

City: Orlando, State: U.S.A. Zip: 32806
**PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER**

May 4, 1983

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the section indicated above.

<table>
<thead>
<tr>
<th>Number of Petitioner</th>
<th>Signature</th>
<th>Address</th>
<th>Phone</th>
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</tbody>
</table>

This petition has the approval of the Section Executive Committee.

The following individual is serving as the Chapter Officer:

Brian J. Vanatta

333 John Young Pkwy, Drive

Orlando, FL 32806, U.S.A.

City: Orlando

Signature of Section Officer: [Signature]

Date: [Date]
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTE

Date: June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronic Engineers

We, the undersigned, who are members of the above society and section hereby petition for approval to form a Chapter in the Section indicated above.

<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Printed Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Member 1737822 Brian J. Vancata</td>
</tr>
</tbody>
</table>

Printed Name: Donald J. Fisher

This action has the approval of the Section Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vancata
533 Jamieson Drive
Orlando, Florida U.S.A. 32806

City

03/04 Signature of Section Officer

Section Office Use
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Membership Number</th>
<th>Printed Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Member 1757823</td>
<td>Brian D. Yencza</td>
</tr>
</tbody>
</table>

3) [Blank]
4) [Blank]
5) [Blank]
6) [Blank]
7) [Blank]
8) [Blank]
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10) [Blank]
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12) [Blank]
13) [Blank]
14) [Blank]
15) [Blank]
16) [Blank]
17) [Blank]
18) [Blank]
19) [Blank]
20) [Blank]

This action has the approval of the Section Educational Committee.

The following individual is serving as the Secretary of the Chapter:

Brian J. Yencza
3319 Stonewall Drive
Orlando, Florida; U.S.A. 32806

4/8/85 Signature of Section Officer

City State/Country
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronic

Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Name of Petitioner: Ralph W. Venter

Membership #: 175762

Printed Name: Ralph W. Venter

The undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Name of Petitioner: Brian J. Vomata

Membership #: 605418

Printed Name: Brian J. Vomata

The undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

This action has the approval of the Section Executive Committee.

The following individual(s) is serving as the Section of the Chapter:

Brian J. Vomata

5361 Jemison Drive

Orlando, Florida, U.S.A. 32806

City State/County

Section Officer and Date

Ralph W. Venter, June 4, 1985
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

Date: June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner:

1) [Signature]

Name, Membership, Grade and Number:

1) Brian J. Yanezu Member 1759029

Printed Name:

1) Yeong S. Kim

[Minimum of 12 signatures required]

This petition has the approval of the Section Executive Committee.

The following individual is serving as the Nominator of the Chapter:

Brian J. Yanezu

533 Jemeta Drive
Orlando, Florida, U.S.A. 32806

City State/Country
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

June 4, 1989

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner:

[Signature]

Member Number: 1257922

Brian J. Yanatsa

Sponsor: Davo St. Gaginis

Minimum of twelve signatures required:

10

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This action has the approval of the Section Executive Committee.

The following individual is serving as the Charter of the Chapter:

Brian J. Yanatsa

533 James Dr. Driveway

Orlando, Florida, U.S.A. 32806

City Zip Code:

0761 Signature of Section Officer

[Signature]
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronic Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner: [Signature]

[Signature]

[Signature]

[Signature]

[Signature]

Membership Grade:

Vice Chairman

Member 1757822 Brian J. Vancata

Printed Name: 1941/874 ANTHOR C. GROUNDFIELDER 19

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PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

June 6, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner

Member 757882

Name and Grade

Member 1945185

Printed Name

R. Kenneth Kennon

Member 1451087

Brian J. Vandata

(Minimum of ten signatures required)

This action has the approval of the Section Executive Committee.

The following individual is serving as the organizer of the Chapter:

Brian J. Vandata

533 Jonnie Jewell Drive

Orlando, Florida 32806

(617) (City State Country)

Signature of Section Officer
**Petition for the Establishment of an IEEE Society Chapter**

**Date:** June 9, 1985

**Name of IEEE Society:** EMC-27 Electromagnetic Compatibility

**Name of IEEE Section:** Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above society and section hereby petition for approval to form a chapter in the section indicated above.

<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Membership Code</th>
<th>Printed Name</th>
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<tbody>
<tr>
<td></td>
<td>173982</td>
<td>Brian J. Vanoata</td>
</tr>
</tbody>
</table>

This action was the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

**Brian J. Vanoata**

331 Jernig Drive
Orlando, Florida U.S.A. 32806

**Signature of Section Officer**
# PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

**June 4, 1985**

**Name of IEEE Society:** EMC-27 Electromagnetic Compatibility

**Name of IEEE Section:** Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Member Number</th>
<th>Printed Name</th>
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</thead>
<tbody>
<tr>
<td>[Signature]</td>
<td>1757922</td>
<td>Brian J. Vancata</td>
</tr>
<tr>
<td>[Signature]</td>
<td>660318</td>
<td>Wesley W. Shelton</td>
</tr>
</tbody>
</table>

**Name of Sponsor Chapter:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Member Number</th>
<th>Printed Name</th>
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</thead>
<tbody>
<tr>
<td>[Name]</td>
<td>[Number]</td>
<td>[Name]</td>
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</table>

**Address of Sponsor Chapter:**

533 Jaru Drive
Orlando, Florida 32806

This petition has the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vancata

**City**

**State/County**

**Signature of Section Officer**
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

Date: June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner:

Membership Card:

Name: Brian J. Vancata
Number: 1737822

Printed Name:

Signature of Secretary:

Brian R. Nicholson, M-5582741

Junior R. Nicholson

(Minimum of Twelve Signatures Required)

This action has the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vancata
533 Jennie Jewell Drive
Orlando, Florida, U.S.A 32806
City State/Country

Signature of Section Officer:

Section Officer Title:

03/81
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner: Brian J. Vancata
Member No.: 1737828
Printed Name: FRED RICK A. REHAGE

This action has the approval of the Section Executive Committee.

Brian J. Vancata
533 Jeral Drive
Orlando, Florida 32803
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section, hereby petition for approval to form a Chapter in the Section indicated above.

<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Member Number</th>
<th>Printed Name</th>
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<tbody>
<tr>
<td>Heinz J. Ratzen</td>
<td>175782</td>
<td>HEINZ J. RATZEN</td>
</tr>
</tbody>
</table>

This action has the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vanatta

533 Jewett Drive

Orlando, Florida 32806

City State/Country

08/81 Signature of Section Officer
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

June 4, 1985

Name of IEEE Society
EMC-27 Electromagnetic Compatibility

Name of IEEE Section
Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Membership Grade</th>
<th>Printed Name</th>
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</thead>
<tbody>
<tr>
<td>N. HOKKANEN</td>
<td>SM 1423177</td>
<td>ROBERT N. HOKKANEN</td>
</tr>
<tr>
<td>A. HERNANDEZ</td>
<td>0127831</td>
<td>A. HERNANDEZ</td>
</tr>
</tbody>
</table>

This action has the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vancata
533 Jenkins Drive
Orlando, Florida 32806
City State/Zip

(Date)

Signature of Section Officer
PETITION FOR THE ESTABLISHMENT OF AN IEE3 SOCIETY CHAPTER

Date: June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEE3 Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner: Brian J. Vancata

Membership Grade and Number: Member 1757887

Printed Name: Brue R. Grain

This action has the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vancata

533 Jennie Jewel Drive

Orlando, Florida U.S.A. 32806

City State/Country
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

Date: June 4, 1985

Name of IEEE Society: EMO-27 Electromagnetic Compatibility

IEEE Section: Orlando Section of the Institute of Electrical & Electronic Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner: ____________________________

Membership Grade: Member

Membership Number: 1757322

Printed Name: Brian J. Vancata

Address: 533 John D. Meat Drive

Orlando, Florida / U.S.A. 32806

City State/Country

This action has the approval of the Section Executive Committee.

The following individual is serving as the organizer of the Chapter:

Brian J. Vancata

Signature of Section Officer

11/81
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

Date: June 4, 1985

Name of IEEE Society: EMC-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

Signature of Petitioner: [Signature]

Membership Number: [Membership Number]

Printed Name: [Printed Name]

[Minimum of twelve signatures required]

This action has the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vancata

533 Jemell Drive

Orlando, Florida U.S.A. 32806

City State/Country

Signature of Section Officer

Section Officer's Name
PETITION FOR THE ESTABLISHMENT OF AN IEEE SOCIETY CHAPTER

Date: June 4, 1985

Name of IEEE Society: UMO-27 Electromagnetic Compatibility

Name of IEEE Section: Orlando Section of the Institute of Electrical & Electronics Engineers

We, the undersigned, who are members of the above Society and Section hereby petition for approval to form a Chapter in the Section indicated above.

<table>
<thead>
<tr>
<th>Signature of Petitioner</th>
<th>Membership Grade and Number</th>
<th>Printed Name</th>
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<tbody>
<tr>
<td></td>
<td>1757822</td>
<td>Brian J. Vancata</td>
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<tr>
<td></td>
<td>M4653766</td>
<td>MARK J. NAVIE</td>
</tr>
<tr>
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<td>M0672295</td>
<td>CARL H. BOWERS Jr.</td>
</tr>
</tbody>
</table>

This action has the approval of the Section Executive Committee.

The following individual is serving as the Organizer of the Chapter:

Brian J. Vancata

539 Jennifer Jewell Drive
Orlando, Florida 32806

City State/Country
EXECUTIVE BOARD

Chairman: George Tauck
Vice Chairman: Don Malocha
Secretary: Geoffrey Dick
Treasurer: Carl Schuiteman
Chapters Chairman: Geoffrey Dick

Home: (336) 356-0203
(852) 569-0318
(852) 569-0979
(852) 569-0491
(852) 569-0979

STANDING COMMITTEE CHAIRMEN

Jr. Past Chairman: Frank Fleet
Sr. Past Chairman: T.E. (Ed) Ellis
Programs: Conrad Blankenship
Public Relations Chairman: George McCune
Publications: John Gilbert
Awards: John Gilbert
Fla. Eng. Sec. Liaison: Richard Eisenbraun
Student Act. Comm.: Don Malocha
Education: Frank Fleet
Membership Development: Woody Carter

SOUTHCON:
Advertising Manager: Bruce E. Mathews
Historian: Russel E. Thiesen
Member at Large: Joe Masset

SPECIAL COMMITTEES

Advertising:
Comptroller:
Historian:
Member at Large:

SOCIETY CHAPTER OFFICERS

AES:
Chmn.: David Flinchbaugh
Comms.:
D. A. Belkendal
M. C. Malocha
Society:
Electron Dev.:
Wbr. V. Chmn.: Donald C. Malocha
V. Chmn.: Dick Zawoicki
Chmn.: Fred W. Birkett
Michael V. Hoddel
V. Chmn.: Avelino Gonzalez
Society:
Student Section:
Student Comp.:
Chapter:

The Executive Committee meets the first Tuesday of each month, except July, at AUTOMATION INTELLIGENCE, INC., 1290 W. COLONIAL DRIVE (corner of 441 and Colonial), at 5:30 p.m. All IEEE members are welcome to attend.
TO: Deborah Power, Chairperson, FCIEE  
440 Mosswood Blvd.  
Indialantic, FL 32903

Attached is a listing of Orlando Section Officers you requested for your Directory. I have also accumulated a listing of past and up-and-coming meetings in the IEEE Orlando Area. If you have any questions please feel free to call me.

Respectfully,

Geoffrey E. Dick  
Secretary,  
IEEE Orlando Section
<table>
<thead>
<tr>
<th>DATE</th>
<th>SOCIETY</th>
<th>SPEAKER/MEETING</th>
<th>LOCATION/TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Aug</td>
<td>Section</td>
<td>Executive Committee Mtg.</td>
<td>Automation Intelligence</td>
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<td>1200 West Colonial Dr.</td>
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<td>September</td>
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<tr>
<td>3 Sept</td>
<td>Section</td>
<td>Executive Committee Mtg.</td>
<td>Automation Intelligence</td>
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<td>1200 West Colonial Dr.</td>
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<td>19 Sept</td>
<td>PES/IAG</td>
<td>Dean Schron</td>
<td>Westinghouse</td>
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<td>Patent Attorney</td>
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<td>&quot;Everything You Wanted</td>
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<td>to Know About Patents&quot;</td>
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<td>October</td>
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<td>1 Oct</td>
<td>Section</td>
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<td>U.C.F., CEBA Bldg. 40</td>
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<td>3 Oct</td>
<td>Computer</td>
<td>Fall Mixer</td>
<td>House of Beef</td>
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<td>Central Florida for</td>
<td>Colonial Drive &amp;</td>
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<td></td>
<td></td>
<td>High Technology, Inc.</td>
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<td></td>
<td>IEEE Computer Society</td>
<td>5:00pm to 7:00pm</td>
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<td>MTT</td>
<td>Dr. Ken Carr</td>
<td>Hewlett Packard</td>
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<td>MTT National Lecturer</td>
<td>6177 Lake Ellenor Dr.</td>
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<td>&quot;Microwave Treatment of Cancer&quot;</td>
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<td>Computer</td>
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<td>Hunter &amp; Ready</td>
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<td>&quot;60000 VRTX&quot;</td>
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<td>MTT/APS</td>
<td>L. C. Hoots</td>
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<td>Brunswick Corporation</td>
<td>6177 Lake Ellenor Drive</td>
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<td>&quot;Introduction to Radomes&quot;</td>
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<td>Dinner after meeting</td>
<td>Gary's Duck Inn</td>
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<td>Sonics &amp;</td>
<td>Donald C. Malocha</td>
<td>U.C.F., CEBA Bldg. 40</td>
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<td></td>
<td>Ultrasonics</td>
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<td>Center for Engineering &amp;</td>
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<td>Business Administration</td>
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<td>November</td>
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<tr>
<td>4 Nov.</td>
<td>Computer</td>
<td>Dhiraj K. Pradham&lt;br&gt;Univ. of Massachusetts&lt;br&gt;&quot;Multiprocessor Architecture Suitable for VLSI Implementation&quot;</td>
<td>U.C.F.&lt;br&gt;Computer Science Bldg.&lt;br&gt;CC2 Room 103&lt;br&gt;3:00pm to 5:00pm and 7:00pm to 9:00pm</td>
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<td>Section</td>
<td>Executive Committee Mtg.</td>
<td>U.C.F., CEBA Bldg. 40&lt;br&gt;5:30pm</td>
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<tr>
<td>14 Nov.</td>
<td>Com Soc.</td>
<td>Whit Cotten&lt;br&gt;Plessey - Stromberg&lt;br&gt;&quot;Evolution of Long-Haul Fiber Optic Networks 1995 and Beyond&quot;</td>
<td>Stromberg-Carlson&lt;br&gt;Lake Mary, Florida&lt;br&gt;7:30pm</td>
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<tr>
<td>14 Nov.</td>
<td>PES &amp; IAG</td>
<td>Dr. Avelino Gonzalez&lt;br&gt;&quot;Update on Steam Turbine Generator Diagnostics Using Artificial Intelligence&quot;</td>
<td>Westinghouse&lt;br&gt;Dinner at Michaels&lt;br&gt;6:30pm&lt;br&gt;Program: 7:30pm</td>
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<tr>
<td>20 Nov.</td>
<td>MTT/APS</td>
<td>Dr. Glenn Smith&lt;br&gt;Georgia Inst. of Tech.&lt;br&gt;&quot;Measurement of Electrical Properties of Materials&quot;</td>
<td>Hewlett Packard&lt;br&gt;6177 Lake Ellenor Drive&lt;br&gt;5:30pm</td>
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<tr>
<td>25 Nov.</td>
<td>Sonics &amp; Ultra-sonics</td>
<td>&quot;Bulk Wave Technology&quot;</td>
<td>PTI</td>
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<td>26 Nov.</td>
<td>Computer</td>
<td>Benjamin W. Wah&lt;br&gt;EE Dept. Univ. of Illinois&lt;br&gt;&quot;Computer Architectures for Artificial Intelligence Applications&quot;</td>
<td>U.C.F.&lt;br&gt;Computer Science Bldg.&lt;br&gt;CC2 Room 103&lt;br&gt;3:00pm to 5:00pm&lt;br&gt;Kane Furniture&lt;br&gt;Front of Colonial Hall&lt;br&gt;7:00pm to 9:00pm</td>
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CAL85/86 Contact Geoffrey Dick for Schedule Changes
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<tr>
<th>DATE</th>
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<td>Computer</td>
<td>S. M. Reddy (Univ. of Iowa)</td>
<td>U.C.F.</td>
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<td>&quot;CMOS Digital Circuits—Fault Diagnosis&quot;</td>
<td>Computer Science Bldg.</td>
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<td>CC2 Room 103</td>
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<td></td>
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<td>Design for Testability and Built-In Testing&quot;</td>
<td>3:00pm to 5:00pm</td>
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<td>19 Dec.</td>
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<td>Hewlett Packard</td>
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<td>&quot;Diagnostic Radar Cross Section Measurements&quot;</td>
<td>6177 Lake Ellenor Drive</td>
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<td>5:30pm</td>
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<td>January 1996</td>
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<td>7 Jan.</td>
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<td>5:30pm</td>
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<td>15 Jan.</td>
<td>Computer</td>
<td>Dave Takacs (Society of Heath &amp; Ready)</td>
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<td></td>
<td>&quot;VRTX for the 80s00s&quot;</td>
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<td>7:00pm to 8:30pm</td>
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<td>23 Jan.</td>
<td>AP/MTT</td>
<td>Dr. Hal Schrank (AP National Lecturer)</td>
<td>UNIV OF CENTRAL FLORIDA</td>
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<td></td>
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<td>&quot;Low Sidelobe Reflector Antennas&quot;</td>
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<td>Ultra-</td>
<td>&amp; Actuators&quot;</td>
<td>John Young Parkway</td>
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<td>Sonics</td>
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<td>February</td>
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<tr>
<td>4 Feb.</td>
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<td>U.C.F. CEBA Bldg. 40</td>
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<td></td>
<td>5:30pm</td>
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<tr>
<td>15 Feb.</td>
<td>Section</td>
<td>Awards Banquet</td>
<td>Langford Hotel</td>
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<tr>
<td>20 Feb.</td>
<td>Computer</td>
<td>Thomas Rearick (Lockheed Georgia)</td>
<td>To be determined</td>
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<td></td>
<td></td>
<td>&quot;Image Understanding&quot;</td>
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<td>20 Feb.</td>
<td>MTT</td>
<td>Mr. Harlan Kowe (MTT President)</td>
<td>Hewlett Packard</td>
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<tr>
<td></td>
<td></td>
<td>&quot;Microwave Materials&quot;</td>
<td>6177 Lake Ellenor Drive</td>
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<td></td>
<td></td>
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CAL65/66 Contact Geoffrey Dick for Schedule Changes
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<td>U.C.F. CEBA Bldg. 40</td>
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<td></td>
<td>Steve Forsythe</td>
<td>5:30pm</td>
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<td></td>
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<td>&quot;Digital Electronic Music&quot;</td>
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<td>March</td>
<td>Computer</td>
<td>Mr. James Cook</td>
<td>Hewlett Packard</td>
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<td></td>
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<td>Scientific Atlanta</td>
<td>6177 Lake Ellenor Drive</td>
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<td></td>
<td>&quot;Satellite Communications&quot;</td>
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<td>March</td>
<td>Sonics &amp; Ultra-Sonics</td>
<td>&quot;Surface Acoustic Wave Technology&quot;</td>
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<td>U.C.F. CEBA Bldg. 40</td>
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<td></td>
<td>Mr. Robert Munson</td>
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<td></td>
<td>Ball Aerospace</td>
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<td></td>
<td>&quot;Microstrip Antennas&quot;</td>
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<tr>
<td>April</td>
<td>Sonics &amp; Ultra-Sonics</td>
<td>&quot;Piezoelectric Transducers for Underwater Applications&quot;</td>
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<td>April</td>
<td>Computer</td>
<td>Chapter Tutorial</td>
<td>U.C.F./Kane Furniture</td>
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<td>May</td>
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<td>Video Course TBD</td>
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<td>Mr. Fred Wilcox</td>
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<td>Univ. of Central Fla.</td>
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<td>&quot;Synthetic Aperture Radar&quot;</td>
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<td></td>
<td>Computer</td>
<td>Jorge Medina &amp; Steve Forsythe</td>
<td>Kane Furniture</td>
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<tr>
<td></td>
<td></td>
<td>&quot;Software Standards and Practices&quot;</td>
<td>7:00pm to 9:00pm</td>
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<td>June</td>
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<td>U.C.F. CEBA Bldg. 40</td>
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<td>Video Course TBD</td>
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CAL85/B6 Contact Geoffrey Dick for Schedule Changes
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<th>Zip</th>
<th>Office Phone</th>
<th>Home Phone</th>
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<tr>
<td>Geoffrey Dick</td>
<td>1014 Carroll Dr</td>
<td>32772</td>
<td>356-7752</td>
<td>678-0779</td>
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<tr>
<td>George Track</td>
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<tr>
<td>Don Malcolm</td>
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<td>Ed Eats</td>
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<td>Enrico Tachi</td>
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<tr>
<td>Brian Vance</td>
<td>533 Jennie Jewel</td>
<td>32806</td>
<td>857-6226</td>
<td>877-4982</td>
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<td>Carl F. Schum</td>
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<td>Michael V. Hiddal</td>
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<td>Norm Lawton</td>
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**NOTE:** List your phone/address if:
1. New/first time attendee
2. Change
3. New address preference to send copy of minutes of this meeting
IEEE ORLANDO SECTION EXECUTIVE COMMITTEE
MINUTES OF MEETING

Date: January 7, 1986

Location: CERA Building 40, Room 407, Conference Room
University of Central Florida, Orlando Florida

Attendees:
George B. Taack, Jr.  Mike Haddad
Don Malocha  Brian Vancata
Carl Schunemann  Norm Lawton
Geoffrey E. Dick  Enrico Iacobi
Ed Ellis

1. The meeting opened at 5:55 pm by Executive Committee Chairman, George Taack. Don Malocha was holding 4 proxy votes from the following officers: Frank Fluet - Jr. Past Chairman, Majid Belkerid - Communications Society Chairman, and Dave Flinchbaugh - AES Chairman, and for Conrad Blankenbee - Programs Chairman. Don was also holding 2 votes as a result of dual roles as Vice Chairman of the Orlando Executive Committee and Chairman of the Sonics & Ultrasonics Society. Geoffrey Dick was holding two votes as the Orlando Executive Committee Secretary and Chapters Chairman. With proxy and attendees, a quorum was present.

2. Don Malocha reported for Dave Flinchbaugh on the February meeting arrangements. Nothing is definite yet. Money from AES has not come in yet.

3. Programs - Conrad Blankenbee (absent)
Don Malocha reported for Conrad. A combined meeting has been scheduled for ASME, FES, AIAA, and IEEE on January 23 at the NTEC Officers Club. Topic will be "Engineering Legislation". The speaker is Jon Mills, Majority Leader of the Florida House of Representatives.

We need to have our Treasurer send $100 to the Langford Hotel to hold the banquet room for February 15. Carl Schunemann promised to send a check to: Langford Hotel, Winter Park Attention: Catering following the meeting.

Conrad Blankenbee is suggesting suggestions for a contingency speaker in case plans fall through for February 15.

4. Discussion commenced on finding another location to hold Executive Committee Meetings. A more central location is needed to make it easier for more to attend. As Carl Schunemann commented: "On the way back to civilization." Ed Ellis noted that the downtown library would be ideal if and when it ever opened. George Taack recalled that it may open this Spring. Most people from the south end of town could then make the meeting by 5:30pm. Typically during the late afternoon rush hour, it has been taking 1.5 hours for Executive Committee Members to reach UCF from the Martin SW Plant.

5. A motion to accept the minutes of the November 5, 1985 meeting was made by Ed Ellis. Norm Lawton seconded the motion. Motion carried.
6. Treasurer's Report - Carl F. Schunemann
The January 7, 1986 IEEE ORLANDO SECTION TREASURER'S REPORT was distributed for review. The Student Section is itemized this time to show amount accumulated. Don Malocha moved, and Ed Ellis seconded a motion to accept the Treasurer's report as submitted. Motion Passed.

7. Conference Committee - Frank Fluet (absent)
George Taack reported that Mr. Fluet has been on the road, and had no new developments to report to pass along to this meeting.

8. Letter of Invitation to the Fellows
Ed Ellis requested that we call to the attention of our Programs Chairman that we need to send a letter of invitation to our Section Fellows to attend the February 15 Award Banquet. A letter is especially important this year since we are deviating from past years in subsidizing meals. Written notice to the effect that "Due to tightness of budget... we will be unable to sponsor free dinners as in the past to Fellows" The last page of December 3 minutes provides the names of Fellows in our Section, with Dave Finchbaugh to be added as a recent addition.

8A. Chapter's Chairman Report - Geoffrey Dick
Geoffrey submitted a four page revised summary of Orlando Section Meetings for 1985 - 1986. Chapter Officers are reminded that cars must be taken to avoid overlapping schedule dates for up-and-coming meetings. A case of this has occurred with the Computer Society. A Dec. 5 meeting was postponed to a new date March 26. AP/MTT has a meeting scheduled on the same date. The subject matter for the two meetings may be different enough so as not to cause conflicts, however it may still divide attendance of members who wish to attend all meetings.

8B. A Tutorial has been scheduled for the week of April 7 to 11 to coincide with Tutorial Week 86. Dr. Brian Petrasko, has volunteered to head the tutorial as Chairman. Three simultaneous sessions are to be run. See Jorge Medina's Computer Society Report dated January 7, 1986 (attached).

9. Publications - Norm Lawton
January 15 is the cutoff date for submissions to the Section Notes. Mr. Lawton reported that he has received an inquiry from a local attorney on advertising rates for our publication. Chairman George Taack came prepared with a list of recommended rates (attached) to answer the question. Using the printer's cost for 8, 12, and 16 pages, combining it with labeling charges and postage, calculations were arrived at. Ten business cards can be published on a page, providing $150 return for a filled advertising page according to the the 1-insertion rate as recommended. Ed Ellis moved that George Taack and Brian Vancata be allowed to mutually select a rate schedule similar to that presented without need for further approval of the Executive Committee, to allow solicitations for advertising to begin before the next meeting. The motion was seconded by Geoffrey Dick. The motion passed unanimously. George Taack reported that 150 additional issues were published this month to cover additional circulation. Our mailing list is up to 1172.
January 7, 1986 IEEE Orlando Executive Committee Minutes — continued

10. Advertising — Brian Vancata
Mr. Vancata requested permission to use the bulk mailing permit to launch an advertising campaign for the Section Notes. Two hundred mailings or greater, would be required to make it an advantage. To help advertising solicitations, it was suggested that an article be written or a white paper be prepared to describe the demographics of the typical IEEE member who receives the Section Notes. It may also help to publish the circulation count on the cover. Mr. Vancata requested that we remove the posted advertising rates from the next issue to gain some latitude in deciding prices with the many variables which may occur. He also requested that we investigate the printers’ prices when camera ready material is submitted.

11. PES/IAG — Mike Haddad
Having returned from China on a business trip, Mr. Haddad announced that he will be planning some more activities for Power Engineering Society and Industry Application Group in the near future.

12. Communication Society — Majid Belkeridi
Piscataway has acknowledged receiving the December 11, 1985 paperwork on the reviving the Vehicular Society as a joint chapter with the Communications Society. George Taack reported that he called them and found that it normally takes 3 to 5 weeks to receive approval.

13. Sonics and Ultrasonics — Don Malocha
A dinner meeting is scheduled for January 27. A full page description appears on page 4 of the January Section Notes. Topic is “Transducers, Sensors, and Actuators” to be held at 6pm at the House of Beef.

14. Electron Devices
No Report.

15. Education
George Taack brought to the meeting a new release of a USAB slide show describing the crisis in pre-college mathematics and science education. The show is entitled "Education, The Key to America’s Future". This was sent to us by Carleton A. Beyless, 1986 IEEE VP for Professional Activities, and 1986 Chairman of United States Activities Board. A letter that accompanied the Slide Show is attached to the Minutes.

16. Awards
Chapter Nominations for Engineer of the Year are due January 15.

17. Electromagnetic Compatibility — Brian Vancata
George Taack reported that he called Headquarters relating to what happened to the paperwork sent to them on establishing EC. He received verbal direction that we may proceed with EC Chapter activities and that Orlando will receive credit for all meeting reports submitted.

18. Student Chapter — Enrico Iacobi
The Satellite Project is going fairly strong. Parts ordered have been received. Testing will begin Friday January 16. The Harris dish has to be mounted on the roof the new engineering building.
19. Computer Society - Jorge Medina
A written report was received by the Section Secretary from Mr. Medina in that he could not make it to the Executive Committee Meeting. This report will appear in the addendum to the January minutes. Two meetings are scheduled for January 15 on "VRTX/88000 Applications Versatile Real-Time Executive for the 88000 Microprocessor". Mr. Dave Takacs, Hunter & Ready, will speak first at UCF in the afternoon, and then early evening at Kane Furniture on Colonial Drive. See announcement on page 10 of January Section Notes for details.

George Taack announced that he has asked Frank Flint to chair the committee for nominating next year's officers. Nominations are due by the next meeting, according to the by-laws, so that they can be submitted at the next meeting, and published in the March issue of the Section Notes with the request for any other nominations to be submitted by April 1, 1986. Ed Zillis and Don Malocha volunteered to assist Frank Flint on this nominating committee.

21. Abolishment of the $15.00 IEEE Entrance Fee
Secretary Geoffrey Dick reported receiving a letter and flyers from William Hunter, Membership Development Coordinator, on abolishment of the $15 IEEE entrance fee for joining IEEE. The motivation behind it as stated is to make it easier to recruit IEEE memberships and members in IEEE Societies. This is effective as of January 1, 1986.

22. Legislative Report
George Taack reported that the National Science Foundation will now again include "Engineering Research" as a co-equal as "Science" in terms of new legislation that came cut.

23. Next Meeting
Tuesday, February 4, 1986.

24. The meeting adjourned at 7:46 pm.

Respectively submitted by,

Geoffrey E. Dick
Secretary, Orlando Section
### Disbursements:
(Continued)

<table>
<thead>
<tr>
<th>#1249</th>
<th>D. C. Malocha, $10.88 Refreshments for 12/3/85 Section Meeting, $14.80 for Sonics and Ultrasonics Meeting Announcements and Mailing</th>
<th>$25.68</th>
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<td><strong>Total Disbursements:</strong></td>
<td><strong>$1,354.88</strong></td>
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### Summary:

- **Checking Account balance, Dec. 3, 1985 Treasurer's report**: $4,260.64
- **Plus Deposits**: $1,920.61
- **Subtotal**: $6,181.25
- **Less Disbursements**: **$1,354.88**
- **Checking Account Balance, January 7, 1986**: $4,826.37

### Status of State of Florida Funds, Deposited 10/2/85 to Checking Account

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<th>Description</th>
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<tr>
<td>10/2/85 Deposit</td>
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<tr>
<td>Less Check #1243 of 12/3/85 to IEEE Student Section</td>
<td><strong>500.00</strong></td>
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<td>Balance of Above Funds included in Checking Account Balance</td>
<td><strong>$1,500.00</strong></td>
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### Gross Funds Summary:

- **Checking Account Balance**: $4,826.37
- **Dreyfus Fund Balance, 1/3/86**: $1,677.98
- **Gross Funds 1/7/86**: $6,504.35

Respectfully submitted,

Carl Y. Schumemann Treasuerer
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Recommended:

Cost/Line:

2-4: 170
5+: 150
125: 115
110: 100
85: 75
55: 50
50: 45

20% discount for a 2-page AD.
IEEE ORLANDO SECTION
TREASURER'S REPORT
JANUARY 7, 1986

Checking Account Balance
December 31, 1985 Treasurer's Report $4,260.64

Deposits:
12/6/85 Brian Vancanta check, for Eaton Advertisement in Newsletter, Previously shown as Account Receivable 45.00
12/16/85 IEEE Rebate, 2nd Half 1985 1,875.61
Total Deposits: $1,920.61

Disbursements:
#1243 IEEE Student Section, Project Parts Per 12-7-85 Price List, as Approved by Executive Committee on 12/3/85 (Debit to Florida State Supplied Funds.) $500.00
#1244 Geoffrey Dick Secretary's Postage Per 17/3/85 Receipt Submitted 61.00
#1245 Postmaster, Bulk Mail Acceptance Unit, Deposit to Account of Permit No. 3492 60.00
#1246 Heritage Press, Section Notes Printing Per Invoice of 11/27/85 669.37
#1247 Altemate Data Processing Newsletter Addressing and Mailing Per 11/19/85 Statement 46.47
#1248 Gerry Picard, Refreshments for 12/19/85 MIT/AP Meeting 12.36
MEMBERSHIP DEVELOPMENT COMMITTEE REPORT
FOR NOVEMBER 1985

Letters of welcome were sent to the 'A' and 'E' categories below. Letters of concern were sent to the 'K' category below.

The total active membership is 1079 as of 9-30-85, up from 1063 last month and an all time high.

The following statistics are derived from the "Membership Changes and Additions" for the indicated month:

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<tr>
<th>CODE</th>
<th>REASON</th>
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<tr>
<td>A</td>
<td>New Election to Membership</td>
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</tr>
<tr>
<td>B</td>
<td>Reinstatement to Membership</td>
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<tr>
<td>C</td>
<td>Arrears Paid</td>
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</tr>
<tr>
<td>E</td>
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<tr>
<td>H</td>
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<tr>
<td>I</td>
<td>Moving Out Of Section</td>
<td>12</td>
</tr>
<tr>
<td>K</td>
<td>Went Into Dues Arrears</td>
<td>0</td>
</tr>
<tr>
<td>M</td>
<td>Deceased</td>
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</table>

W. C. Carter
Membership Development Chairman
December 11, 1985

Mr. George E. Tasck
4 Robinwood Drive
Longwood, Florida 32779

Dear Mr. Tasck:

On behalf of IEEE's General Manager, thank you for your recent correspondence. We are in receipt of your request for the change in status of the existing single chapters of Vehicular Technology and Communications to joint chapter status in the Orlando Section.

A request for approval of this change is being sent to the Region 3 Director and the Society Presidents. I will advise you as soon as all approvals have been received. This process should take between three to five weeks.

If we can assist you in any other way, please do not hesitate to contact us.

Sincerely,

Kathleen V. Ruggieri
Unit/Formations Records
Field Services

cc: Mr. Robert S. Buggan, Jr. – Region 3 Director
     Dr. Robert E. Fenton – Vehicular Technology Society President
     Dr. Frederick T. Andrews – Communications Society President
     Mr. H. G. Bokkenheider – Orlando Comm Chapter Chairman
     Mr. Thomas E. Ellis – Orlando Senior Past Chairman
     Ms. Deborah M. Powers – Florida Council Chairman

kvr
COMPUTER SOCIETY
MEETING ANNOUNCEMENT

DATE: 15 January, 1986

PLACE: University of Central Florida
Computer Science Bldg.
G22 Room 163
3 - 4:30 PM

Kane Furniture Conference Room
2601 E. Colonial Drive, Orlando
7 - 8:30 PM

TOPIC: VRTX/68000 Applications
Versatile Real-Time Executive
for the 68000 Microprocessor

SPEAKERS: Mr. Dave Takacs,
Hunter & Ready District Sales Manager for the Southeast
Mr. David Howard,
Hunter & Ready Applications Engineer for the Southeast

ABSTRACT

VRTX, the Versatile Real-Time Executive, is a silicon software component that provides operating system capabilities for an embedded computer application. VRTX/68000 is the implementation of VRTX designed for the Motorola 16/32-bit M68000 microprocessor. In this technical presentation a 68000 application written in C will be demonstrated illustrating the many key features in designing embedded microprocessor applications, including A/D Converters, Serial Communication, and Control of Sampling Rates.

All members and industrial representatives are invited.
Computer Society Report

TO: Executive Committee, Orlando Section of IEEE
FROM: Jorge Medina, Chairman, Computer Society

1. The meeting scheduled for 5 December 1985 was canceled. The speaker, Dr. S. M. Reddy, was not able to fly out of Iowa on time, due to bad weather conditions. His technical presentation has been tentatively rescheduled for 20 March 1986.

2. Tutorial Week Orlando '86 will take place in April 7-11, 1986.
   Chairman: Dr. Brian Petresko
   Track I: Ada, Unix, C Programming, Knowledge-Based Systems, Prolog

3. Funds raised last year for the Computer Society Chapter during the Tutorial Week Orlando '85 appear to be up in the air. No body seems to know anything about it. I have contacted the Field Service Center about our lack of funds but have not receive any response yet.
MEMORANDUM

DECEMBER 1985

TO: IEEE OFFICERS
FROM: WILLIAM C. HUNTER, MEMBERSHIP DEVELOPMENT, COORDINATOR

SUBJECT: ABOLITION OF IEEE $15.00 ENTRANCE FEE

The IEEE Board of Directors at its most recent meeting voted to abolish the $15.00 IEEE entrance fee effective as of January 1, 1986. As the IEEE membership brochures printed earlier this fall includes the $15.00 IEEE entrance fee in the payment schedule, revised payment schedule insert pages eliminating the entrance fee are now to be printed. These should be available later in December and will be included in any shipments of IEEE Membership Brochures in 1986. If you have already ordered membership brochures for 1986, please order revision insert pages needed for the P81 (red and white) brochures and/or the P69 (blue and white) brochures you may now have. The IEEE entrance fee remains in effect for all higher grade applications received prior to January 1, 1986. Refund of the $15.00 entrance fee will only be issued to applicants who submit applications after December 31, 1985 and included the entrance fee with their payment.

Abolishing the entrance fee should make it easier to recruit both IEEE memberships and memberships in IEEE Societies.

Keep Membership growing!

WCH:ri
00611
Dear Section Chairman:

I am pleased to announce the release of a USAB slide show describing the crisis in pre-college mathematics and science education. The show is entitled "Education, The Key to America's Future" and was prepared by the USAB Committee on Pre-college Education, chaired by Dr. Lawrence P. Grayson, Institute Advisor for Mathematics, Science, and Technology at the National Institute of Education. Dr. Grayson was largely responsible for production of the slide program.

Within a few days you will receive a copy of the slide show for the use of IEEE volunteers in your Section. The package includes:

- a 130-slide carousel
- an audio tape, with audible and inaudible cues
- a Speaker's Guide
- brochures for distribution to the audience (additional copies are available upon request from the IEEE Washington Office; a sample copy is enclosed)

The show graphically depicts the problems that exist in mathematics and science teaching in our elementary and secondary schools and points up the implications of these deficiencies for the future of our country. The slides are suitable for presentation at meetings of professional societies, business and industry leaders, local government officials, civic groups such as Lions and Rotary Clubs, parent-teacher groups, school boards, teachers' associations, school administrators' groups, trade associations, etc. Preview showings at numerous professional society meetings and at a White House reception indicate that the show delivers a forceful message and effectively instills in the viewer an awareness of the problems and their possible solutions.

The slide show suggests that engineering and science professionals can contribute significantly at the community level to improving the teaching of mathematics and science. A forthcoming handbook, "Local Alliances to Improve Education in Science and Technology," described in the enclosed flyer, will suggest ways in which IEEE volunteers and other science and engineering professionals can collaborate productively with their local education community. The handbook will be published in 1986 by the Triangle Coalition for Science and Technology Education, of which IEEE is a founding member (1984 IEEE President Richard J. Gowan is a member of its Board of Directors). The handbook will be available from the IEEE Washington Office or directly from the Triangle Coalition.

- over -
I strongly urge you to promote wide use of the slides by IEEE members in your Section. If members or others cannot access the Section's set on the dates needed, they may contact the IEEE Washington Office directly to obtain a set on short-term loan.

The slide package is also available for sale. The cost is $65 for IEEE members and $75 for nonmembers. Orders should be sent, along with a check payable to IEEE, to the Publication Sales Department, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. The publication number is UHD 171-9.

Included in the Speaker's Guide is a meeting report form and an audience questionnaire. Persons showing the slides should complete the report form and send it, along with the audience questionnaires, to the IEEE Washington Office. These reports will provide valuable information for the use of other speakers and for improving the content of the presentation.

Once again, I hope you will review the slides yourself, show them at your next ExCom and/or Section meeting, and use other means such as the Section newsletter to alert members to their availability. Volunteers should also be encouraged to join with other engineering and science professionals in forming local alliances, as suggested in the forthcoming handbook.

Thank you very much for your support and collaboration in this important effort.

Sincerely,

Carleton A. Bayless
1986 IEEE Vice President for Professional Activities, and
1986 Chairman, United States Activities Board

CC: PACE Chairs and Coordinators
Regional Directors
Dennis Bodson, VP RAB
Local Alliances for Science and Technology Education

Coal miners used to keep a canary in the mine shaft and monitor its health for advance warning of methane gas contamination. The state of science and technology education in the nation’s schools serves a similar role for all precocious education. And our canary is sick.

Its state of health has been reported with alarm by a five-foot bookshelf of reports and studies. Emergency treatment has begun, but science and technology education is still in intensive care.

Just as each coal mine had specific problems requiring special solutions, final diagnosis and care of science and technology education’s weaknesses will occur at the school and school district level. And one of the most encouraging developments in education is the formation at the community, regional and even state level of "local alliances," efforts that join scientists, engineers, and educators with representatives from business, labor, and community service groups in support of better education.

Some of these groups deal with science and technology education, others are committed to improving both science and mathematics education, and still others consider improving science and technology education to be one part of a broader challenge to improve all of precocious education. Yet all have in common the desire to work with teachers to improve science education.

The emergence of local action groups with a commitment to improving science and technology education is reflected at the national level by the rapid growth of a broad-based national coalition, the Triangle Coalition for Science and Technology Education. This coalition, with a current membership of 40 national organizations representing industrial communities, science, engineering, and education, is undertaking a major effort to identify and work with this growing network of local alliances.

At a conference held in summer 1985* representatives of about 30 such alliances and 15 locally active professional associations challenged the Triangle Coalition to:

• Give broad publicity to the alliance idea

• Produce a "how to" handbook to guide and assist alliance developers and coordinators

• Establish a clearinghouse for the exchange of information

• Establish an alliance newsletter to make local activists aware of other local efforts and of national developments in the crusade to improve science and technology education.

The Triangle Coalition is seeking funds to carry out the conference recommendations and expects to have a major effort underway by mid-1986. And this networking effort has already begun.

• A brochure will be distributed to warn that "the canary is sick" and to invite representatives of concerned groups to come together for local action.

• A "how to" handbook is being prepared for printing and should be ready for distribution early in 1986.

• Information on some 40 local alliances is now available at the Triangle Coalition headquarters, and a formal clearinghouse is being established.

• The first issue of an alliance newsletter is planned for January 1986.

The Triangle Coalition is undertaking several other projects specifically for teachers and hopes to make the products available through local alliances, including:

• a mini-grant brochure describing business-industry small grant programs that can also be used to bring other industries into the act;

• a database of national programs offering direct assistance to teachers;

• participation in National Science Week (May 12-17, 1986) through the National Balloon Launch and the distribution of elementary and upper-level science and technology activities packets.
groups are joining with schools to work toward the common goal of providing a high-quality education for all Americans. As numerous as these initiatives are, however, they are only a beginning. Efforts now under way must be continued and improved upon in order to revitalize American education.

What can you do?
- Become actively involved in your children's education. Research has shown that there is a direct relationship between the grades children receive and the amount of help they receive from their parents.
- Be informed on the issues confronting education. Learn what makes an effective school.
- Find out how your school compares to others in your community, state and nation.
- Become active in your parent-teacher organization.
- Attend meetings of your school board. Make your views known. Demand school effectiveness.
- Get your community and business groups involved.

About the presentation

Developed and produced by:
Dr. Lawrence F. Brown
U.S. Department of Education

Narration by:
Johnny Holdway

Principal school photographer:
Barbara Helday

Material for this presentation was compiled from many sources, including a number that have generously granted permission for the use of slides or printed material or the taking of photographs:
- American Association of Physics Teachers
- American Chemical Society
- American Iron and Steel Institute
- Automative Control Data Corporation
- General Telephone and Electronics Company
- George Washington University Hospital, Washington, D.C.
- Horace Mann Elementary School, Washington, D.C.
- Houston Independent School District, Texas
- Japanese Embassy
- Junior Engineering Technical Society
- Marex School, Washington, D.C.
- National Aeronautics and Space Administration
- National Society of Professional Engineers
- United Steelworkers of America
- University of Kentucky
- Walt Whitman High School, Bethesda, Maryland
- Woodrow Wilson High School, Washington, D.C.
- Yorktown High School, Arlington, Virginia
- Young Astronaut Council

For more information or to borrow or buy this slide-tape presentation, contact:
The Institute of Electrical and Electronics Engineers, Inc.
1111 19th Street, N.W.
Washington, D.C. 20036
(202) 785-0017

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An essential factor behind the success of America is its nation's commitment to education. Based on the belief of our Founding Fathers that the preservation of liberty is dependent on an educated people, the United States has created the most comprehensive system of education in the world. More Americans now go to school for more years than people in any other country in history. Education has been and continues to be a key to America's greatness. But there are problems.

Today, one of every six college freshmen in the United States is enrolled in a remedial reading course; one in five in a remedial writing course; and one in four in a remedial math course.

**Test Scores in the United States**

Scores on the Scholastic Aptitude Test, or SAT, which is taken annually by about one million college-bound high school students, have become the most widely publicized indicator of the decline in learning. The average scores, plotted for the past 21 years, resemble a ski slope. During this period, math score averages declined by 55 points. Verbal scores declined even more, dropping 53 points.

In 1964, the first international assessment in mathematics was conducted. Among 13-year-olds, Japan placed number one, followed by West Germany, the United Kingdom, and France. U.S. students were fifth. These 13-year-olds of 1964 are now occupying middle and upper-level management positions in industry and government in their respective countries.

A similar international assessment of science education conducted from 1970 to 1972 showed nearly the same result: Japan was first, the European countries second, third and fourth, and the U.S. fifth.

Over the two and a half decades during which these tests were conducted, the growth in manufacturing productivity in these same nations followed a similar pattern—Japan first, the United States fifth. Education is not the only factor affecting productivity growth, but clearly it is an essential one.

**What is being done**

Many states and school districts have recognized the problems and are acting to:

- increase requirements for high school graduation
- raise college admission standards
- revise curricula
- improve programs for teacher preparation and professional development
- address the appropriateness of current teacher certification requirements
- increase teachers' salaries
- improve placement and career opportunities for teachers

Business and industry, professional associations, universities and community
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, February 4, 1985
5:30 PM

at

University of Central Florida
New College of Engineering
Room 407
Building 40 CEBA
Aquarius Drive
Orlando, FL 32884

Respectfully,
Geoffrey E. Dick
Secretary,
IEEE Orlando Section
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<thead>
<tr>
<th>Name</th>
<th>Address/M.P.</th>
<th>ZIP</th>
<th>OFFICE PHONE</th>
<th>HOME PHONE</th>
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<tr>
<td>Geoffrey Dick</td>
<td>1014 Carroll Dr.</td>
<td>32722</td>
<td>356-7752</td>
<td>478-0927</td>
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<tr>
<td>Russell Haslam</td>
<td>UCF, EE 446</td>
<td>32841</td>
<td>431-5772</td>
<td>281-0379</td>
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<tr>
<td>Angelo Ingelotti</td>
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<td>32841</td>
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<td>Russ Theisen</td>
<td>2607 Fillibury Rd.</td>
<td>32729</td>
<td>356-3260</td>
<td>671-1139</td>
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<td>Edward Blenkness</td>
<td>5900 Hwy 19</td>
<td>32841</td>
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<td>726-8575</td>
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<td>Charles E. Martin</td>
<td>9181 Orange Dr.</td>
<td>32817</td>
<td>281-5821</td>
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<td>George T. Throckm</td>
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<td>David E. Flinchburg</td>
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<td>Mary E. Flesher</td>
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<td>475-1786</td>
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**IEEE ORLANDO SECTION EXECUTIVE COMMITTEE MEETING**

**NOTE:** List your phone/address if: 1. New/first time attendee 2. Change 3. New address preference to send copy of minutes of this meeting.
IEEE ORLANDO SECTION EXECUTIVE COMMITTEE
MINUTES OF MEETING

Date: February 4, 1986

Location: CEMA Building 40, Room 407, Conference Room
University of Central Florida, Orlando Florida

Attendees: George Bv-Taack, Jr. M.C. Carter
Parveen Mahid Conrad Blankenship
Frank Fluet Nora Lawton
Geoffrey E. Dick Enrico Tocchi
Ed Ellis Chris Christodoulou
Ruk Theisen David E. Finchbaugh
Nadja Belkerdij

1. The meeting opened at 9:31 a.m. by Executive Committee Chairman, George Taack. Secretary, Geoffrey Dick, was holding 2 proxy votes from the following officers: Carl Schummann (absent), Treasurer; and Jorge Medina, Computer Society Chairman. Geoffrey Dick was also holding two votes as the Orlando Executive Committee Secretary and Chapters Chairman. With proxy and attendees, a quorum was present.

2. The January 7, 1986 minutes were accepted by unanimous vote.

3. Treasurer’s Report — Carl F. Schummann (absent)
A written report from Mr. Schummann was brought to the meeting for consideration. A check for $100 was sent to the Post Office to credit our bulk mail account (Permit No. 3492). This was made out in anticipation of a postal rate hike. Checking with the U.S. Post Office earlier in the day, the Secretary found that the rate hike was placed on hold. We should be paying 7.25 cents for each Section Notes unit mailed when mailed in bulk. If we have overpaid, the excess should be credited to our account. Chairman George Taack reported that a $250 to $270 rebate is due from Heritage Press. We are to receive approximately $75 credit for our tax exemption to cover 3 months in taxes we were inadvertently charged. Based on the January newsletter, $100 of overcharges were pointed out. Credit will be received in the February billing. A motion was made by Frank Fluet, seconded by Nora Lawton to accept the Treasurer’s report. Motion passed.

4. Conference Committee — Frank Fluet
A final draft of the letter to promote conferences in the Orlando area was presented. As soon as it is approved by the Conference Committee, this letter will be sent to the various IEEE Society National Chairmen in hope that it will stir some long-term interest. The Orlando Convention Bureau will send additional promotional literature to all of its names and addresses.

Ruk Theisen reported that the P1874 Standards Committee would like to hold a 3-day meeting in the Orlando Area January, 1987. This would be the first in a series of meetings. They are looking for people to help sponsor the meeting for about 30 people. Mr. Theisen has volunteered to be a contact point to Dr. David Schultz, Chairman on Software Life Cycle Processes. His address is Computer Science Corporation, 4600
Conference Committee – Continued

Power Mill Road, Beltsville, Maryland.

Ed Ellis reported having a pleasant experience in preparing arrangements for a small standards committee of 20 people about 3 years ago.

Mr. Theisen stated that there are approximately 40 different standard committees. The Computer Conference Board will be meeting in Orlando later this year. They put on the National Telecommunication Conference, and the Office Automation Conference. They are looking at our area as potential for larger possibilities.

Frank Fluet reported a development from the Microwave Theory and Techniques Society. They are soliciting a conference bid for Orlando in 1989 at the Convention Center. We have an option on picking up on this. We need to decide if we want to get involved and to what level of involvement. The Conference Committee alone cannot make this decision, as it cannot handle multiple conferences with a high degree of activity. The local chapter of MTT will be the key to provide a level of support. If the support does not come from the local society, then the Section will have to decide how we are to get the volunteers required to support activities of a conference of any size.

5. Southern – Ed Ellis:
Kickoff for the Inner Circle for Southern was held recently in Orlando and two other areas of Florida. Another meeting will be held on February 8. Southern is off and rolling. We are a little over a month away, and mailings are just beginning. Rus Theisen has put together a good tutorial program. Cutoff date for tutorial registration is March 1. Four separate mailings were planned to advertise this event.

Other notes:

Tutorial week this year for the Computer Society is in April.

Ed Ellis will be eligible for status as Life Member this year.

6. Programs – Conrad Blankenwex:
Mr. Blankenwex requested that emphasis be made on accumulating all last minute reservations for the Awards Banquet. He will be accepting reservations up to 48 hours prior to the dinner. We should try to have our requests in by Wednesday.

Mr. Blankenwex attended combined IEEE, ASME, AIAA, FES meeting held at the Naval Training Center. Of a total of 78 people showing up, 7 were IEEE members. On the day of the meeting, Conrad received 7 reservations, with only 1 accumulated prior to that day.

Dave Flinchbaugh reported on our speaker status for the Awards Banquet. The Office of Astronaut Appearances has summarily cancelled all speaking engagements, every visit, every public appearance for all active astronauts for the month of February. They are assigned and to the Space Shuttle investigative team. Fred Hays has another commitment for the same evening. (Late note: Gene Rocco volunteered as speaker.)
7. Publications—Norm Lawton:
AltaMonte Data Processing is now charging us for additional for excess zip codes in the form of a drop charge re-order list. They were also late in getting the mailing out. The UCF charge is running $47. Twenty-five of that amount is for driving to the Post Office. The rate for applying labels is $17 per 1000. They are also charging us a tax. We might consider the possibility of a housewife, retiree, or student group, who may be willing to do the job for lesser amount.

Triangle International wants to place an ad in our newsletter for employment opportunities.

The last page of the Section Notes needs to be updated. Phone numbers and the Student Chapter officers have changed. They are as follows:

- Office: Home
  - Christos Christodoulou: 201-5831 657-5129
  - Jorge Medina: 834-9600 201-1557
  - Steve Forsythe: 244-1166 886-2231
  - Ed Ellis: (none) 834-3319 (Retiring)

The following names from the Student Section should be deleted: Bill Davis, John Varga, and Don Vincent.

The new Chairman of the Student Branch is:

- Enrico Iacobi
  275-2786 282-3764

8. Advertising—Brian Vancata (absent)
Mr. Vancata wanted very much to be able to address the Executive Committee this evening but was unable to. He will at the next meeting attempt to give reasons for not supporting the proposed rate hike for advertising in our newsletter. It was decided to table any decisions.

9. Awards—Ben Patz (absent)
We should have one additional award to present. Dr. Dave Flinchbaugh will be receiving a certificate appointing him to the membership grade of "Fellow."

10. Student Activities—Enrico Iacobi:
Mr. Iacobi thanked the Executive Committee for the $500 donated by the IEEE 'Microwave' and Techniques Society to the IEEE Student Branch 2 weeks ago. Last week Dr. David Lai from Martin Marietta spoke before 30 students and faculty on the topic of Image Processing. Next week the Student Branch will be traveling to United Telephone to see their new facilities at the Central Processing Building, and to hear a technical presentation on modern modulation techniques. On Friday, February 21, from 10 am to 4 pm, UCF will be holding an Engineering Fair. The Student Branch wishes to invite IEEE members and local companies to visit. Speaker volunteers, and Judges for the exhibits from local companies are also being solicited.

11. Education—Parveen Wahid:
It would be helpful to have more of the Student Chapter meetings advertised in the Section Notes. This could be implemented if sufficient advance notice is available to set publication deadlines.
12. Membership - Woody Carter

The new 1986 membership application forms were brought to the meeting. Mr. Carter has an additional supply for anyone who needs them. He also reported that our membership count is now at 1125, up from 1079 two months ago. There are 92 unpaid members now. The student member count is at 58. Mr. Carter stated that during the month of February each year, the membership chairman writes letters to members who have not renewed to encourage them to stay. This month he will be writing 150 members. One dollar will be credited to the Orlando Section by IERE for each member not lost.

13. Secretary: Geoffrey Dick reported that an annual summary of meeting reports has been submitted to headquarters for rebates. It was noted that submittals for the Student Branch was noted to be absent. Mr. Christodoulou volunteered to fill out report forms to cover meetings that went unreported. "We can still receive a rebate credit from a supplemental submittal."

14. Historian - Rus Theisen

Rus Theisen needs to buy another file cabinet. He has purchased only one of the three cabinets authorized by the Section. Ed Ellis checks to see if he has the Charter. Woody Carter has the large and small banner at his plant.

15. AES - Dave Finchbaugh

On 27th of February, AES and Robotics International will be holding a meeting at the Steak and Ale, at 60 and 450. Fred Hays will be speaking on April 13, and/or VPr Spira Aerospace on the newest robotic space manipulator for the Space Shuttle. Social hour 6pm to 7pm. Dinner will be 7pm to 8pm.


We are now the Vehicle-Technology and Communication Society. Ed Ellis pointed out Vehicular Technology includes Cellular Radio. We need to recruit employees from astronaut to join and become active members.

17. Computer Society - Jorge Medina (absent)

A written report (attached) from Mr. Medina was distributed among those present. Several meetings are planned. On February 20 Thomas Kearick from Lockheed Georgia will speak on Image Understanding at UCF Engineering Auditorium and Kane Furniture. On March 30 S. M. Reddy from the University of Iowa will speak on "CMS Digital Circuits - Fault Diagnosis Design for Testability and Built-In Testing." On April 16 Steve Forsythe will present "Digital Electronic Music." On May 15, both Jorge Medina and Steve Forsythe will present "Software Standards and Practices."


No Report.

19. AP/MTT - Keith Huddleston (absent)

Christos Christodoulou attended the last meeting which was a joint meeting with the Student Section. He stated that the topic and speaker on Side lobes was very good.

February, IEEE
20. PES & IAS - Mike Haddad (absent)
Ed Ellis reported that Mr. Haddad has been involved with out-of-town job assignments and meetings, and hopes to arrange a meeting in March.

21. Sonics and Ultrasonics - Don Malocha (absent)
A report from January 27 indicated a good turnout with 34 people attending the dinner meeting.

22. Electromagnetic and Compatibility Group - Brian Yancatico (absent)
George Taack reported that we are short 3 members to form this new charter group. Headquarters says that we-can still proceed to hold meetings and submit activity reports. On March 12, 1986 the first meeting of EMC will be held. 'Speaker Del Black,' Manager of Domestic ECM Operations, Eaton, will present 'EMI Measurement Techniques' and 'MIL-STD-461 Review.' Time and location are to be determined.

OLD BUSINESS

23. Nominations Committee - Frank Fluet
At the last meeting in January, the Chair appointed an Officer Nominations Committee chaired by Frank Fluet, Ed Ellis, and Don Malocha. In checking with the by-laws, it was discovered that Dan Malocha, being an elected officer this year, is ineligible to be on the nominating committee. Keith Huddleston agreed to fill the vacant 3rd position on the Nominating Committee. The deadline for publication of the slate of officers is February 14, 1986. Three of the four positions have been selected in time for this meeting and they are:

For Chairman: Don Malocha
For Vice Chairman: Geoffrey Dick
For Treasurer: Madjid Belkerdidi

As a footnote, Mike Haddad has volunteered to be a Nominee for Chapters Chairman for next year.

24. Meeting Location.
Chairman George Taack posed a question to Frank Fluet as to whether Automated Intelligence could accommodate the Executive Committee Meetings again for the rest of the year. Frank said he would explore the issue and if approval from his company can be had, we could resume meetings there in March.

Geoffrey Dick reported that he had received numerous requests from members traveling from the south end of town to move the meeting to a more central location. Many are hard-pressed to make it to a meeting at UCF even by 6:30pm with the traffic during rush hour. Another possible meeting location has been suggested by Jorge Medina that needs exploring. Southern College at Semoran RTE 436 and Lake Underhill may be available.

George Taack suggested another meeting location next year will be available at the Orlando Public Library.
25. Jamaica Officer’s Workshop

Jamaica has now been made part of Region 3. In celebration of this change, FCIIEE would like to hold an Officer’s Workshop at Montego Bay, Jamaica in June. To encourage participation of at least two people from each Section in Region 3, if the Section will pick up the fare for the first person, FCIIEE will pick up the fare for the other person plus the room and board for both people. This would be for Friday night, Saturday, and Saturday night. They would like at least two of the four main officers: Chairman, Vice Chairman, Secretary and Treasurer to go. Estimated cost of the fare is $280 round-trip for one person. Chairman George Taack solicited a motion for the Orlando Section to participate. Geoffrey Dick made the motion to appropriate $280 for fare to send one elected officer to the Jamaica Training Workshop in June. Ed Ellis seconded the motion in order to get a vote on the issue. Discussion was heated. Frank Fluet pointed out that Jamaica has only 78 members, and he felt it was inappropriate to make it the destination for a Region 3 meeting. Does paying members would not take it very well to using dues to sponsor expensive junket trips out to southsea islands for a few individuals. People in FCIIEE are taking advantage of a large treasury and a situation of a resort area being brought into our region. The money that is being used for this sort of thing is money that would be better spent if distributed to the Sections. FCIIEE is playing with more money than they should be. Instead of letting money filter down to the Sections, they are arbitrarily holding back sums for questionable expenditures. Ed Ellis suggested that if the purpose of the meeting is to train X officers of the Jamaica Section, then it would be less costly to bring them to Florida. Madjid felt that we cannot afford it this year. Rus Thielsen suggested that if we cannot afford it we should declare the Orlando Section “distressed” and make a claim for $1400 available from FCIIEE for each section. A vote was called, 2 for, 8 against.

26. Rus Thielsen moved to authorize the Chairman to request the available funds “from the Florida Council” for the Orlando Section. The motion was seconded by Frank Fluet. Motion carried unanimously.

27. The meeting adjourned at 8:23 pm.

Respectfully submitted,

Geoffrey E. Dick
Secretary, Orlando Section
2/9/86

I hereby give my proxy vote to Geoffrey Dick for the February 4 Executive Meeting.

Troy Cautas
VICE PRESIDENT
COMPUSER SOCIETY

Southern College
Lake Underhill, 1431
IEEE ORLANDO SECTION
TREASURER'S REPORT
FEBRUARY 4, 1986 (CONTINUED)

| #1258 | Don Malocha, Reimbursement for SAE Society | $0.48 |
|       | 1/27/86 Meeting Announcement Postage, 3½ @ 22c = 77.42 | |
|       | Reimbursement for Joint IEEE, ASME, FES, AIAA Meeting: | |
|       | Rcvd. 6 @ $12 = $72.00 | |
|       | Cost of Dinners 60.00 | |
|       | IEEE Share, Speaker Cost 14.00 | |
|       | Net, Reimbursement 2.00 | |
|       | **Total Disbursements** | **$1,056.01** |

**Summary:**

| Checking Account Balance, 1/7/86 Report | $4,826.37 |
| Plus Deposit | 75.00 |
| **Subtotal** | **$4,901.37** |
| Less Disbursements | 1,056.01 |
| **Checking Account Balance, 2/4/86** | **$3,845.36** |

**Balance of State of Florida Funds Included in Above Checking Account Balance, per 1/7/86 Report**

| **$1,500.00** |

**Cross Funds Summary:**

| Checking Account Balance | $3,845.36 |
| Preyfus Fund Balance, 1/3/86 | 1,671.98 |
| **Gross Funds, 2/4/86** | **$5,523.34** |

Respectfully submitted,

Carl F. Schumann
Treasurer
Checking Account Balance
January 7, 1986 Treasurer's report  $4,826.37

Deposits:
1/6/86 State of Florida, Newsletter Advertisement  $75.00

Disbursements:
#1250 John Gilbert, Advertising Billing Stamps $4.40
#1251 Altamonte Direct Marketing, Invoice #16986 of 10 Dec. 1986 $47.26
#1252 Langford Hotel, Catering, Deposit for 2/15/86 Meeting $100.00
#1253 Dr. Donsd C. Malecha, Refreshments for 1/7/86 Executive Committee Meeting $9.21
#1254 Heritage Press, Newsletter Printing Per 1/2/86 Statement $688.49
#1255 Altamonte Direct Marketing, Invoice of 1/8/86 and Statement of 1/24/86 $47.17
#1256 Rorman H. Lawton, Reimbursement for Annual Bulk Mail Fee, $50 and $70 Deposit to Mail Account, per 1/10/86 Letter $70.00
#1257 Postmaster, Bulk Mail Acceptance Unit, Deposit to Account of Permit No. 3492 $80.00
1200 W. Colonial Drive
Orlando, FL 32834-7194
(305) 843-7030

January 24, 1986

Dear Mr. [Name],

Consider ORLANDO!

As chairman of the Orlando Section's Conference Committee, I would like to invite your Society to hold a future conference in Orlando.

Our committee is chartered with promoting Orlando as a conference site to benefit our Section, neighboring Sections and Florida engineers in general. The major benefits we see are improved accessibility to technical papers (presenting and hearing), attending tutorials to help maintain technical skills, and stimulating IEEE and Society membership. Aside from these self-serving reasons, I am convinced that the following attributes of our Central Florida location will illustrate why this is rapidly becoming the preferred destination for meetings and conferences.

FACILITIES

- Estimates project 59,000 hotel rooms in Central Florida by the end of 1986; 66,000 by the end of 1988.

- Marriott's Orlando World Center, which will be the largest hotel in Florida when it opens in May 1986, will have 1500 rooms and 130,000 square feet of meeting space.

- The Orange County Convention Center with 150,000 square feet of exhibit space and 22 meeting rooms. (Scheduled to double its overall size by 1989.)

- New $300 million international airport.

(Under separate cover, you will be receiving additional information from the Orlando/Orange County Convention and Visitor's Bureau describing facilities and services in more detail).

ECONOMY

- Low air fares to and from Orlando airport.

- Reasonable hotel rates.

- Low cost car rental rates.
CONVENIENCE

○ Ideal weather for a large part of the year, especially in the winter months.

○ Florida is a "right-to-work" state. Service groups are non-union.

○ Orlando's location near the center of the state provides easy access for Florida engineers.

In addition, of specific interest to your Society, are the following reasons:

○ Florida has many high-tech companies, employing a large number of engineers - e.g., Martin-Marietta, Harris, McDonnell Douglas, Stromberg Carlson, Westinghouse, General Electric, Grumman, Gould SEL, Rockwell, NASA (Kennedy Space Center), Burroughs, Southern Bell, Automation Intelligence, Lockheed, Paradyne, ATT, Piezo Technology, Racal-Milgo, NCR, Florida power, Florida Power & Light, Naval Training Equipment Center, E-Systems, Sperry, Rayco, Motorola (Communications), Coulter Electronics, University of Central Florida, DBA Systems, Ocuomet, Rockwell, Savtek.

○ The Orlando Section has over 1,000 members with active chapters of the Aerospace & Electronic Systems, Communication, Computer, Electron Devices, Antennas & Propagation, Microwave Theory & Techniques, Power Engineering, Industry Application, and Sonics & Ultrasonics Societies.

○ Centrally located Orlando is convenient to the East Coast ("Space Coast") and West Coast Sections of IEEE.

○ A recent article lists Florida as the leading high-technology state in the South and seventh in the nation.

All of these reasons contribute to assuring success of your conference, with minimum aggravation.

So now is the time to start planning your Orlando Convention.

We will be happy to assist in promoting your conference through our Section Newsletter and contacts with other Florida Sections and through the Florida Council. In addition, if your society has a local chapter, they may be able to assist in conference organization and coordination.

For additional information or discussion please call me at (305) 843-7030 (office) or write to the above address.

Sincerely,

Frank Fluet, Chairman
Orlando Section Conference Committee
To: George Taack, Jr.
Chairman, IEEE Orlando Section

From: Frank Fluet
Chairman, Nominations Committee

Re: Nominations for Section Elected Officers for 1986-87.

The Nominations Committee appointed by you on January 7, 1986, has the purpose of nominating a slate of candidates for the elective offices of the Orlando Section.

The Committee consisting of Ed Ellis, Keith Huddleston*, and Frank Fluet, in accordance with article 034.2.1 and 042, nominate the following Orlando Section members for the elective officers for the 1986-87 term:

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<tr>
<th>OFFICE</th>
<th>NOMINEE</th>
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<tr>
<td>Chairman</td>
<td>Don Malocha</td>
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<td>Vice-Chairman</td>
<td>Geoffrey Dick</td>
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<td>Secretary</td>
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<tr>
<td>Treasurer</td>
<td>Madjid Belkerid</td>
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The committee has determined that each nominee is eligible and willing to accept the responsibilities of office, if elected.

* (NOTE: Don Malocha, initially volunteered and was appointed to the Nominations Committee, however, our bylaws exclude presently elected officers from serving. I would like to thank Keith Huddleston for filling in for Don on short notice to maintain our Committee to at least three members as specified in the bylaws).

Respectfully,

Frank Fluet
Chairman, Nominations Committee
COMPUTER SOCIETY
MEETING ANNOUNCEMENT

DATE: Thursday, 20 March, 1986

PLACE: University of Central Florida
Computer Science Bldg.
CC2 Room 105
3:00 PM - 4:30 PM

Kane Furniture Conference Room
2601 E. Colonial Drive, Orlando
7:00 - 9:00 PM

TOPIC: CMOS Digital Circuits—Fault Diagnosis Design
for Testability and Built-in Testing

SPEAKER: Dr. S. M. Reddy, Professor and Chairman
Department of Electrical and Computer Engineering
University of Iowa

POINT OF CONTACT For any more information, contact Jorge Medina (854-9600) or
Steve Forsythe (244-1164)

ADMISSION None. All members, students and industrial representatives are invited.

ABSTRACT

Complementary MOS (CMOS) technology is becoming an important, if not the dominant, VLSI
Technology. Failures in CMOS digital circuits have to be handled in ways different than the ones
proposed earlier for bipolar and other MOS technologies, thus requiring new fault diagnosis,
estable design and built-in testing of CMOS logic circuits will be presented.
December 27, 1985

To: Newly Elected IEEE Fellows

Please accept my heartiest congratulations on your elevation to Fellow grade in the IEEE as of January 1, 1986.

I cordially invite you and your spouse to be the guests of the IEEE at the IEEE Awards Reception scheduled on Tuesday, February 18, 1986 at the Red Lion Inn in San Jose, California from 6:00 p.m. to 9:00 p.m., at which time those members recently elected to Fellow grade will be formally recognized, although Fellow Certificates will be presented elsewhere.

The attached questionnaire has been prepared for your convenience in advising us about your attendance. Your response by Friday, January 24, 1986 will be appreciated. Full details on the program for the Reception, along with the invitations which are required for admission, will be furnished later to those who plan to be in attendance.

To assist you in making any necessary hotel reservations, enclosed is a reservation form which should be completed and mailed direct to the Red Lion Inn. Because of the demand for space, early reservations are recommended.

I do hope you will find it possible to be with us on this occasion.

Sincerely,

[Signature]

Dr. Bruno O. Weinschel
1986 President

Encls.
   - **ECC Meeting**
   - **Electromagnetic Compatibility**
   - **GA Tech, Atlanta**
   - **March 12, 1986**
   - **Doe Black, Mgr. of Domestic ESM**
   - **Eaton**
   - **Demonstration**
     - **Computer-controlled EMI Data Collection**
     - **20 Hz to 1 GHz**
   - **Time local FBD**
   - **"EMI Emission Measurement Tech."**
   - **"MIL STD 461 Review"**

2. **Move the Meeting**

3. **Report 8 items on Section Notice:**
   - **Full page** 115 98 2/4 97 79 1/2 69 54 1/4 49 91
   - **Box** 22 19 2 page 187 179
   - **8th meeting article** 515

4. **No additional added - 1 response**
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<tr>
<th>Date</th>
<th>Speaker/Meeting</th>
<th>Location/Time</th>
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| 28 Feb., 1986 | Thomas Reedick  
   Lockheed Georgia  
   "Image Understanding" | U.C.F. Engineering Auditorium  
   Time: TBD  
   Kane Furniture Conf. Room  
   Front of Colonial Plaza Mall  
   7:00 to 8:30 P.M. |
| 20 Mar., 1986 | S. M. Teddy  
   U. of Iowa  
   "CMOS Digital Circuits-Fault Diagnosis  
   Design for Testability and Built-In Testing" | U.C.F. Computer Science Bldg.  
   CC2 Room 103  
   Kane Furniture Conf. Room  
   Front of Colonial Plaza Mall  
   7:00 to 8:30 P.M. |
| 15 Apr., 1986 | Steve Forsythe  
   "Digital Electronic Music" | Kane Furniture Conf. Room  
   7:00 to 8:30 P.M. |
| 15 May, 1986 | Jorge Medina & Steve Forsythe  
   "Software Standards and Practices" | Kane Furniture Conf. Room  
   7:00 to 8:30 P.M. |
| 18 June, 1986 | Speaker and Topic TBD | TBD |

* Invited, awaiting response  
** Accepted; finalizing plans  
*** Firm
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, March 4, 1986
5:30 PM
at
Automation Intelligence
1200 West Colonial Drive
Orlando, FL 32804
894-7038

Please note that this is a temporary change of location. We hope it will encourage those who must travel from the south end of town to attend by offering a more central location.

Respectfully,

Geoffrey E. Dick
Secretary,
IEEE Orlando Section
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<th>ATTENDEE</th>
<th>ADDRESS</th>
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<tr>
<td>1</td>
<td>FRANK FLUET</td>
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<td>G.R. Huddleston</td>
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<td>George McClure</td>
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<td>Carl F. Schumacher</td>
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<td>Tom Nelson</td>
<td>1142 Duncan Dr, 365-643</td>
<td>843-702</td>
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<td>7</td>
<td>Woody Alter</td>
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<td>Brian Vangata</td>
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<td>Tim Nelson</td>
<td>1152 Denman Dr</td>
<td>Water Springs, FL 32708</td>
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IEEE ORLANDO SECTION EXECUTIVE COMMITTEE
MINUTES OF MEETING

Date: March 4, 1986

Location: Automation Intelligence, 1200 Colonial Drive
Orlando, Florida

Attendees: George B. Taack, Jr.  W. C. Carter
Carl F. Schunemann  Mike Haddad
Frank Fluet  Tom Nelson
Don Malocha  Brian Vancata
Ed Ellis  Christos Christodoulou
George McClure  G. K. Huddleston
Hal Brown

1. The meeting opened at 5:15 pm by Executive Committee Chairman, George Taack. Don Malocha, Vice Chairman, was also acting as Secretary for this meeting, was holding 2 proxy votes from Geoffrey Dick who was unable to attend. Frank Fluet was holding Jorge Medina, and Steve Forsythe’s proxy for the Computer Society. With proxy and attendees, a quorum was present.

2. The February 4, 1986 minutes were reviewed. Corrections were:
a. Item 4, last paragraph of Conference Committee, “conference bid for Orlando in 1989” should be “1992”. A motion to accept the February 4, minutes with the above correction was made by Mr. Frank Fluet and seconded by Mr. George McClure. Motion passed.

3. Treasurer’s Report – Carl F. Schunemann
A written report was submitted at the meeting by Mr. Carl Schunemann, Treasurer. A question was raised about the acronym UFFC. It stands for “Ultrasomics, Ferroelectric, and Frequency Control”. They changed their name effective January, 1986. Two typing corrections to the March 4 Treasurer’s Report are under disbursements: (#1268) W. C. Carter, "Membership Department Stamps" should be "Membership Development Stamps" (#1265) "Ben Pate" should be "Ben Patz". Ed Ellis moved and Frank Fluet seconded a motion to accept the March 4, 1986 Treasurer’s Report. Motion passed.

4. Conference Committee – Frank Fluet
The letter presented at the last Executive Committee Meeting was reviewed again by the Conference Committee. Two small changes were made, and the letter is now ready to be sent out. The Orlando Orange County Conference and Services Group has been contacted for a meeting with Mr. Fluet on March 8 to arrange the MTI Society Symposium. Keith Huddleston has volunteered to write a letter of intent for the MTI Society. The Orange County Convention Bureau is going to put together a bid package based on the letter of intent. The use of the Orange County Civic Center and the new Peabody Hotel being erected across the street from the Civic Center will be making a commitment to provide a tentative 500 rooms plus for this conference in 1992. The second reason for going out there is to make contact with the account executive who will be mailing the Orlando Convention Services and Facilities information to
the same mailing list that Frank is sending the Conference Invitational letter. This will assure simultaneous arrival of the letter and information packages.

The Conference Committee will not be pursuing the visit to Orlando by the Standards Committee. Reasons are: 1. There are no sponsoring local Chapters who have a vested interest willing to support it. 2. The Standards Committee meeting will be too small to gain any conference experience from it. 3. There is no income to support it. 4. There is no program to attend to, or fixed agenda which we would get involved in.

George Taack requested and received approval for $500 seed money for conference budget from PClEEE for next year.

The Vehicular Technology Group is still planning for a 1989 Orlando Conference.

5. Programs - Conrad Blankenhein (Absent)
Dave Flinchbaugh used his standby speaker for the Awards Banquet. Awards for the Year presented were:

- Computer Society Nominee: Anor Meknannya
- Communications Society: Brian Petroaska
- Undergraduate Student: Frank St. John
- Graduate Student: Amado J. Vigil
- Engineer of the Year: Brian Petroaska

Also presented was a certificate electing Dr. Dave Flinchbaugh to the membership position of "Fellow".

Comments afterward rated the food at the Langford and the Speaker as excellent. The cost approximated $250 which fell well within our budget.

We must now develop plans for the June Banquet.

6. Public Relations - George McClure
No report at this time.

7. Publications - Norm Lancaster (absent)
George Taack reported that our order for labels for the Section Notes expired in January. Headquarters does not permit perpetual orders or standing requests for materials to carry over from year to year. The request must be renewed each year. Thus the February Newsletter will be delayed until the new labels arrive via overnight express. Altamonte Data Processing has in the past required 3 working days to label and deliver the Section Notes to the Post Office.

8. Student Chapter - Chrisistodoulou
Receipts for expenses from the Awards Banquet has been presented to the Treasurer for reimbursement. An additional report is presented under MTT Chapter Business.
March 4, 1986 Minutes - (continued)

9. Membership Development - Woody Carter
As of the beginning of the year January 1986 membership was 1144, up 2
from the month before. Senior Member applications were distributed at
the meeting. George McClure reminded members that to receive $5 rebate
for new members, the application form must contain the numbers "505591"
to be eligible.

10. SOUTHCOS - Ed Ellis
Predictions for attendance are not in with the Conference only 2 weeks
away. Inner Circle members are automatically registered.

11. Advertising - Brian Vancata
The purpose of the Section Notes is to inform the general membership of
up and coming local IEEE activities and meetings. It is not meant to be
a revenue generating item, nor should it cost so much to create that it
drains our treasury. Advertising rates need to be targeted so that it
can pay for itself. Two written reports (attached) were presented in
person. Mr. Vancata presented his January 27 report on publication
recommendations. He also presented Don Malocha's letter to solicit
advertising which was distributed at a recent symposium.

Keith Middleton suggested that we identify the exact costs per page
before we adopt the rates recommended in the two reports. George Taack
pointed out that the full page ad rate would be a loss. The January 7,
1986 bill from Heritage Press was $488.49.

Ed Ellis stated that we should reserve the right to postpone an ad if
the ad requires printing an additional page that would cost us money.
Brian Vancata expressed that we need to be able to tell the advertising
customer which issue his ad will appear, and guarantee it happens.

Don Malocha stated that we should target the Section Notes for 15 to 25
ads each month. Coordination to make it happen will require the action
of several people, or a committee of people to handle the details.

Additional discussion involved eliminating our biggest expense item,
the type setting. George McClure recommended using a personal computer
to layout the issue with a popular program such as "Newsroom". The
newsletter could then be duplicated at 4 to 5 cents per sheet.

Two views of format were brought up. The size 11 x 17 folded in half
was suggested as a cost saver. The smaller format of 8 1/2 x 11 folded
in half distinguishes the "Section Notes" from technical journals and
junk mail.

If articles are to be added to the newsletter, it was the consensus of
the Executive Committee that we should not generate "another technical
journal". Only articles of local interest or items appearing nowhere
else should be considered eligible.

George Taack reminded the Committee that we should not sell any ads for
the July issue, since it is not printed for that month.
March 4, 1986 Minutes – (continued)

A Publications Committee was appointed by Chairman George Taack consisting of the following members:

George Taack
Brian Vancat
Don Malocha
Norm Lawton
G. Keith Huddleston

Don Malocha will schedule the committee to meet to discuss details of reorganizing our newsletter with advertising.

12. Nominations Committee – Frank Fluet
Mr. Fluet presented a final report for nomination of next years officers. This report will appear in the April issue "Orlando Section Notes" as required by our by-laws.

13. Communications Society – Majid Belkerdidi (absent)
No report.

Frank Fluet presented Mr. Medina’s written report (attached). The February 20 meeting had 28 members and 25 guests. Tom Reerick, of Lockheed Georgia spoke on 'Image Understanding'. Our Section Chairman attended the 1st session at UCF thus raising the attendance to 21 members. There is a meeting coming up on April 3, 1986 on "CHS Digital Circuits - Fault Diagnosis Design for Testability and Built-in Testing" with speaker S.M. Redov. On March 20 Steve Forsythe will be presenting "Real-Time Digital Music Synthesis".

15. Electron Devices – Hal Brown
National organization of Electron Devices sent Hal Brown a packet of material and information which will help the committee to make some progress.

16. MTT/AP – G. Keith Huddleston
On February 20 an MTT/AP meeting was held with about 30 people attending. Jim Cook will be speaking on "Satellite Communications" at H.P. on March 28. Robert Munson will speak on April 15 at UCF on "Microstrip Antennas". Chrisos reported that contact was made with the Education Representative of MTT in Texas to obtain scholarship applications for students at UCF. Mr. Huddleston stated that a letter of endorsement from the Orlando Membership can support this student activity.

17. PES & IE – Mike Haddad
A meeting and tour of the Stanton Energy Center is in process of being arranged. Announcements will be forthcoming.

18. UFFC (formally Sonics & Ultrasonics) – Don Malocha
The new name as of January Ultrasonics Ferroelectrics Frequency Control in February the National Lecturer spoke before a group of 34 people at the House of Beef. On March 26, Tom O’Shea, V.P. of Saw Tek will speak on Stabilised Oscillators at Saw Tek. A May meeting is being organized to be held at the Naval Research Lab, Orlando.
March 4, 1986 Minutes — (continued)

19. Electromagnetic Compatibility — Brian Vancata
Mr. Vancata will be co-hosting an EMC meeting at Georgia Tech on March 10, on "EMI Measurement Equipment from 20 Hz to 48 GHz." George Taack received official notice from Headquarters that we are still short 3 names. Prospective names that need pursuing are: E.I. King, Jr. or Tina Krenshaw, Librarian, at Westinghouse Quadrangle, James Rush and Allen Parker, Jack Russell, President of Stromberg Carlson.

20. Formation of CIHT (Components, Hybrids, & Manufacturing Technology)
Don Malocha reported that Robert Canwright of Martin Marietta wants to start a Components Society Chapter. As of March of this year there were only 11 members available in the Orlando area and 62 in Florida. Motorola in Plantation Florida is so interested in this that if we do manage to form a chapter, they will fly people here to attend the meetings. A minimum of 12 are required. Don Malocha has volunteered to circulate a petition for starting this new group and is soliciting for names for anyone who wishes to join.

21. Location of Meeting next Month
Frank Fluet has volunteered his facilities again at AT (now Soudl Inc.) 1200 W. Colonial Drive for the Executive Committee Meeting next month.

22. The meeting adjourned at approximately 7 pm.

I wish to thank Don Malocha for sitting in the March 4 meeting in my absence and taking notes.

Respectfully Submitted by,

Geoffrey E. Dick
Secretary, Orlando Section
CHECKING ACCOUNT BALANCE
February 4, 1986 Treasurer's Report

$3,045.36

DEPOSITS:

2/18/86 Awards Banquet Receipts

$635.00

3/4/86 Brian J. Yancata,
Check #143 of 2/11/86,
Eaton Advertisement, 12/85

100.00

3/4/86 Fischbein Advertising,
Check #57001 of 2/24/86,
Newsletter Advertisement

200.00

3/4/86 UFFC Society Dinner
Meeting of 1/27/86, Receipts

108.00

Total Deposits

$1,043.00

DISBURSEMENTS:

#1259 Altsante Direct Marketing,
Invoice #17040 of 1/31/86

52.40

#1260 W.C. Carter, Membership
Development Stamps

22.00

#1261 Norman H. Lawcon,
Editor's Expenses Per
2/5/86 Letter Statement

112.39

#1262 Langford Hotel,
Awards Banquet

776.02

#1263 Ben Abrash,
Award Plaques

66.60

#1264 Mr. Chuck Davis,
Engineer's Week
IEEE Participation,
Per Dr. Harvin's Request

35.00
ITEM 3 p.2.

IEEE ORLANDO SECTION
TREASURER'S REPORT
MARCH 4, 1986 - Continued

Page 2

DISBURSEMENTS (Continued)

#1265  Gerry Picard,  
Feb. 20, 1986 AP/MTT  
Meeting Refreshments  

$15.09

#1266  G. K. Huddleston,  
1/23/86 AP/MTT Mtg.,  
Speaker & Chairman Dinners  

23.43

#1267  G. K. Huddleston,  
Reimbursement, Lodging  
Expenses for Marlan Howe,  
2/22/86 AP/MTT Speaker  

57.78

Total Disbursements  $1,160.71

SUMMARY:

Checking Account Balance, Feb. 4, 1986  $3,845.36
Treasurer's Report

Plus Deposits  1,043.00

Subtotal  $4,888.36

Less Disbursements  1,160.71

Checking Account Balance, March 4, 1986  $3,727.65

Balance of State of Florida Funds Included in Above Checking Account Balance, Per 1/7/86 Report  1,500.00

GROSS FUNDS SUMMARY:

Checking Account Balance  $3,727.65
Drayfus Fund Balance, 3/4/86  1,698.39

Gross Funds, 3/4/86  $5,426.04

Respectfully Submitted,

Carl F. Schumemann
Treasurer
January 27, 1986

To: IEEE Orlando Section Administrative Board Members

From: Brian J. Vancata, Advertising Manager

Subject: Publication Recommendations

Gentlemen:

In order to maximize advertising revenue associated with our Monthly IEEE Section Notes, I respectfully recommend that the following items be considered, and specific action be taken on each one:

Item 1.) Revise and Streamline the layout of the Section Notes, and—perhaps—change the name to something more contemporary.

Item 2.) Invite papers to be published and funded by area companies. I believe that some companies would be proud to showcase their talent in our Publication.

Why?—In order to attract attention to their company and enhance employment recruiting opportunities.

Item 3.) Begin a program to solicit Employment Ads. If this is acceptable to IEEE Headquarters, it could be a large source of revenue.

Item 4.) In order to approach major companies to solicit their advertising, recruiting, publishing, and—quite simply—their monetary support; we must be professional, present a professional image, and give them their money’s worth.

In order to accomplish this, I suggest that we print:

...Standard sales contracts—to facilitate and document our clients’ advertising, recruiting, and scheduling of publications, and payments.

...Invoices—to methodically inform our clients that it is “time to pay”, and—equally important—increase our cash flow on a predictable basis.

...Advertising “Brochures”—to outline the benefits of advertising in the New IEEE Orlando Section Notes.

Item 5.) Review, establish, and publish standard cutoff dates
for rough copy, camera-ready copy, and last minute additions.

As I begin to communicate with potential Advertisers, I will need to have this information in order to answer their questions.

Item 6.) Review the necessity of "Conventional Printing" for the Publication. It is now possible to utilize high quality copying techniques for all but the most detailed photos.

If it is decided to continue with Conventional Printing, I suggest that we change the typeface and format. I believe that it is very difficult to present any continuity of thought due to the varying typefaces.

Also, the organization of information should be reviewed.

Item 7.) I recommend that we consider giving a Patron Company free advertising if they publish our Section Notes.

Item 8.) Advertising Rates:

In the ISEE Orlando Section Notes present configuration—considering the value of its information, and "latent generating potential", I believe that we would be hard pressed to increase the advertising rates.

Quite simply, there isn't enough value per page in terms of impact to justify paying the new rates. Only a few companies are in the position of being able to automatically expense part of their operating budget on "good will".

By "automatic good will expenses", I mean the allocated percent of a large corporation's Local Sales Department's Operating Budget. Such a department will not consider our Section Notes ad prices out-of-line because they are used to paying larger dollars for HIGH PROBABILITY OF RETURN ON INVESTMENT.

In our case, the Sales Deptartment would consider the ad expense as "good Will" no matter what the results were.

With this in mind, I believe that the following advertising rates are the maximums that could be realistically sold to small to medium sized customers, sales reps, or businesses that wanted to reach the Engineering Base that we offer.---In short---those that did not have "automatic good will budgets".

These are the clients who have to be sold on the value of our publication. The individual who
is doing the justification and approval of funds in the smaller company will want to know the benefits that he will derive for his money—and we really can’t blame him—Can we?

So, without further ado:

Advertising Rate/One insertion/Two or more Insertions

Full Page/$115.00/$98.00
3/4 Page/$97.00/$79.00
1/2 Page/$69.00/$59.00
1/4 Page/$42.00/$41.00
Bus Card/$32.00/$19.00
Double Page/$147.00/$179.00

I have chosen to be frank and forthright about my views. This is my normal method of operation. If I have offended any of the originators of the IEEE Orlando Section Notes, it was not my intention.

I realize that without the efforts of those that donated their valuable time before our becoming involved, we would not even have the opportunity for constructive criticism.

So, it is on a positive note that I wish to close this report. I encourage an open discussion of the above points and welcome any other observations and recommendations that may be presented.

Respectfully Submitted,

Brian J. Vencata
Advertising Manager
The IEEE Orlando Section is beginning to actively solicit advertising in our Monthly IEEE Section Notes from companies in the central Florida area. The reason we are embarking on this task is to provide additional revenues for support of our ever increasing membership, to increase services to our members through our chapter meetings and section notes announcements, to provide a dynamic organization for the benefit of our local professionals, to provide a forum for technical and social exchanges and to inform the engineers of services and needs of our local companies which will mutually benefit the engineers and companies.

In addition to servicing our membership, we believe advertising in our Section Notes will be providing a valuable service to our local companies. The IEEE Orlando Section has over 1000 members and the University of Central Florida Student Branch of 200 members is also included in our monthly mailing. This is certainly a very large readership which can be targeted by companies who would like to advertise their electronics or electronics related services or products. The Orlando Section is composed of a diversity of engineering disciplines as evidenced by the active chapters which include Aerospace & Electronic Systems, Communication, Computer, Electron Devices, Antennas & Propagation, Microwave Theory & Techniques, Power Engineering, Industry Applications and Ultrasonics, Ferroelectrics & Frequency Control Societies.

A recent article lists Florida as the leading high-technology state in the South and seventh in the nation. Our IEEE section services our members of the central I-4 high technology corridor and includes many high-tech companies, such as Martin Marietta, Stratus Carlson, Westinghouse, GE, Automation Intelligence, Artec, INEC, Piezo Technology, Savok, Repco and many more. Our Section Notes are published 10 times per year and the following advertising rates are established:

<table>
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<tr>
<th>Portion of Page</th>
<th>1 insertion</th>
<th>2 or more insertions</th>
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<tbody>
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<td>Full</td>
<td>$115</td>
<td>$98</td>
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<td>3/4</td>
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<td>1/4</td>
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<tr>
<td>Business Card</td>
<td>$32</td>
<td>$19</td>
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<tr>
<td>Double Page</td>
<td>$187</td>
<td>$179</td>
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</tbody>
</table>

I would certainly encourage you to consider this opportunity to direct your advertising at your desired market while aiding our engineering profession. For further information or to place an order, please contact as at the above address or contact our advertising manager, Brian Vancata at (305) 857-6225.

Sincerely,

[Signature]

Donald C. Kalocha
Vice-Chairman, IEEE Orlando Section.
### IEEE COMPUTER SOCIETY CHAPTER
**ORLANDO SECTION**

**1986 TENTATIVE PROGRAMS AND MEETINGS**
Rev.6   March 1986

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker/Meeting</th>
<th>Location/Time</th>
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</table>
| 20 Mar., 1986 | ***Steve Forsythe  
"Digital Electronic Music" | Kane Furniture Conf. Room  
7:00 to 8:30 P.M. |
| 3 April, 1986 | ***S. M. Reddy  
U. of Iowa  
"CMOS Digital Circuits—Fault Diagnosis  
Design for Testability and Built-In Testing" | U.C.F.  
Computer Science Bldg.  
CC2 Room 103  
3:00 to 4:30 P.M.  
Kane Furniture Conf. Room  
Front of Colonial Plaza Mall  
TBD  
7:00 to 8:30 P.M. |
| 15 May, 1986 | Speaker and Topic TBD | TBD |
| 18 June, 1986 | ***Jorge Medina & Steve Forsythe  
"Software Standards and Practices" | Kane Furniture Conf. Room  
1:00 to 3:00 P.M. |

* Invited, awaiting response  ** Accepted; finalizing plans  *** Firm
Date: Thursday, 20 March, 1986

Place: Kane Furniture Conference Room
2401 E. Colonial Drive, Orlando
7:00 - 9:00 PM

Topic: Real-Time Digital Music Synthesis

Speaker: Mr. Steve Forsythe, Principal Engineer Stromberg-Carlson Corporation,
Orlando IEEE Computer Society Vice-Chairman

Point of Contact: Steve Forsythe (244-1166)

Admission: None. All members, students, and industrial representatives are invited.

ABSTRACT
Analog sound synthesizers have been used for decades to extend the range and variety of sounds available to musicians. Digital synthesis is beginning to replace many of the functions of analog synthesis. This talk describes techniques used to synthesize musical sounds in real-time using a combination of a general-purpose processor (IBM PC) and one or more digital signal processors (TI's TMS 32010) to give the best combination of real-time performance and flexibility. Topics presented include:

- Basic principles of digital sound synthesis
- Fundamental limitations of digital synthesis techniques
- Using software to describe and instantiate musical instruments
- Five digital techniques for synthesizing waveforms
- Three time domains used to describe musical sounds
- Information compression in digital music synthesis
IEEE MEETING NOTICE

ULTRASONICS, FERROELECTRICS & FREQUENCY CONTROL SOCIETY

Topic: SAW STABILIZED OSCILLATORS
Speaker: Thomas O'Shea, Vice-President, Sawtek, Inc.
Time: Thursday, March 20, 1986 at 6:00 PM
Place: Sawtek, Inc., Orange Blossom Trail
Apopka, Fl.
(~2 miles south of Apopka on 441)

Coffee & Doughnuts will be served.

The purpose of this presentation is to provide an overview of SAW stabilized oscillators. The number of applications of SAW delay line and resonator controlled VHF-UHF oscillators has been growing exponentially each year. The primary reason for this growth is the simplicity of design since it often eliminates all multiplier stages. This not only reduces complexity but also improves phase noise, short term stability and reliability. SAW resonators and delay lines are also more immune to shock than bulk wave oscillators. A SAW local oscillator can be operated at higher drive levels than bulk wave oscillators which means that an intermediate amplifier is not always required to drive a mixer stage.

Among applications to be discussed will be a precision SAW oscillator for satellite applications, SAW VCOS using delay lines and resonator control, a 950 MHz hybridized temperature compensated SAW oscillator & SAW radiosonde used for meteorological data transmission and SAW sensor based systems for measurement of acceleration, fluid pressure and chemical composition of fluids and gases.

Since joining Sawtek in 1981, Mr. O'Shea has been instrumental in the development of UHF SAW resonators for CATV applications and military systems. He has also managed the development of precision oscillators and miniature temperature compensated SAW oscillators (TCSO) for military and space applications. More recently, Mr. O'Shea has been engaged in the emerging field of SAW sensors using delay line and resonator technology. He has also spearheaded the integration of SAW components into hybrid circuits.

Mr. O'Shea is a member of the IEEE and the Hybrid and Manufacturing Technology Society. He has authored papers on transversal filter design, SAW resonator tuning techniques, SAW oscillator design and the design of monolithic SAW resonator filters.

For further information contact Don Malocha 775-2414.
ELECTROMAGNETIC COMPATIBILITY MEETING

There will be an EMC Meeting at the Georgia Tech Campus in Atlanta, Georgia on March 10, 1986.

The Featured Speaker will be Mr. Del Black of Eaton Electronic Instrumentation division—Los Angeles California.

Del is Manager of Domestic EMC Operations for Eaton, and will be demonstrating the operation of the Series VII Automated EMI Data Collection System. The system automatically gathers, analyzes, and presents EMI information in the range of 20 Hz to 1 GHz and is expandable to 40 GHz.

If Del's schedule permits, the first EMC Meeting in Orlando will be on March 12th at a meeting location to be announced.

If you are interested in attending either the Atlanta meeting or the Orlando meeting, please call Brian J. Vancata at 305 857 6226.
Amended Minutes
Conference Committee change to 1982

Treas. Report: Accepted, Carl T.
Conf. Comm.: MIT's conference, 1992

Program:
A/S Speaker

Order of the Year
David St. John Stedman, Student
Amadeo Vigil, Inc.
IFTE Budget Cost $250.

PK - no report

Publications - note to be late this month

Students

Membership - 1144 members this month

Southern - 3 weeks away
If you haven't found your badge, 
Southern, contact Ed Cline
Advertising - see attached.

Jan 7 Heritage Press $68.49
$0.00

Chairman
Advertising & Publication Committee
Mulock

Laroch - Havilstra, Vermont, Ironton
Mulock will organize meeting

Nominations are for station agents.

See type for rest of meeting on Chapters.
DIALOGUES ON
HIGH TECHNOLOGY

SOFTWARE
ENTREPRENEURSHIP:
OPPORTUNITIES FOR BUSINESS DEVELOPMENT

Presented by
CENTRAL FLORIDA COUNCIL
FOR HIGH TECHNOLOGY, INC.
A Not-For-Profit Corporation
Organized To Promote And Assist
The Development Of Technology
Base Industries In
The Central Florida Area
AND
McGRAW-HILL/BYTE MAGAZINE

SATURDAY, MARCH 15, 1986
SHERATON TWIN TOWERS HOTEL
ORLANDO, FLORIDA
SOFTWARE ENTREPRENEURSHIP

To evaluate the current status of the computer software industry in Florida and to assess the direction and opportunities for development of both research and applications...for the commercial marketplace.

8:15–8:45 a.m. Registration
Continental Breakfast provided.

8:45 a.m. — WELCOME AND INTRODUCTIONS

9:00–10:00 a.m.: PART I: REAL WORLD CASE HISTORIES
A) Scientific/Technical Software:
   Dr. Winthrop Smith, Whimtan Engineering
B) Educational Software:
   Dr. J. M. Mosher, Gentleware Corp.
C) Utility Software:
   Mr. Wynn Rostek, SST Systems
D) Business/Professional Software:
   Mr. J. B. Wood; RAM Integrated Systems

10:15–11:15 a.m.: PART II: HOW TO GET STARTED
A) Business Plans & Financing Alternatives—
   Where to go for Help:
   Mr. Al Polier, SBDC Director
B) Marketing:
   Mr. Craig Spearman, Software Design Group
C) Legal Issues — Protecting your work,
   Copyrights, Use Licenses:
   Mr. Charles Harris, Esq.
   Smith, MacKinnon, Mathews & Harris, PA

11:15 a.m.: NETWORKING/BUSINESS INFORMATION
Exchange Session—Speakers and Representatives
from the Sponsoring Organizations
available for Discussion.

PROGRAM CO-SPONSORED BY:

Institute of Electrical and Electronic Engineers
(Computer Society—Orlando Section)

Department of Computer Engineering
University of Central Florida

Department of Computer Science
University of Central Florida

Small Business Development Center
College of Business Administration
University of Central Florida

In cooperation with the
U.S. SMALL BUSINESS ADMINISTRATION
PROGRAM INFORMATION

WHO SHOULD ATTEND
Any individual interested in learning more about the status of software research and applications, including:
- Researchers and inventors
- Engineers desiring a general overview of software technology
- Entrepreneurs interested in starting a software company
- Professionals from financial institutions, legal organizations, state and local organizations
- Individuals interested in investing in software companies

PROGRAM PLANNING COMMITTEE:
Dr. C. S. Bauer, Chairman
Dr. Charles Hughes
Dr. J. M. Mosher
Mr. Al Pifer
Mrs. JoAnn Smith
For information on facilities for the handicapped and for further information on this program call (305) 275-2796.

LOCATION
SHERATON TWIN TOWERS HOTEL
5789 Major Blvd
Orlando, Florida 32805
(305) 351-1000
Note: Rooms have not been set aside at the Sheraton Hotel. Anyone desiring overnight accommodations at the Sheraton should make reservations as soon as possible.

COST

<table>
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<tr>
<td>General</td>
<td>$30.00</td>
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<td>Members, Faculty, and IEEE members</td>
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</tr>
<tr>
<td>Students</td>
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Registration must be postmarked no later than March 8, 1986. Also, requests for refunds must be made at least 7 days before the scheduled program.

The Council reserves the right to cancel the program if it is determined that an insufficient number have registered. In such an event, the fee will be refunded in full.

Please register me for: SOFTWARE ENTREPRENEURSHIP

NAME:__________________________________________

FIRM:__________________________________________

ADDRESS:_______________________________________

TELEPHONE:_____________________________________

I am enclosing $______________
($30 per person)
($20 for High Tech Council, IEEE members, Faculty)
($10 for Students)

Mail check and Registration to: Central Florida Council for High Technology
P.O. Box 4100, Orlando, Florida 32802

For information call (305) 275-2796
Central Florida Council
for High Technology, Inc.

History/Prologue

The Central Florida Council for High Technology was incorporated to meet the growing needs of the Central Florida area. The growth of key technological areas requires a great deal of synergies, understanding and communication. The council is a catalyst for promoting high technology by providing activities aimed at increasing the awareness of the needs and activities of high tech companies.

Activities

- Sponsorship of symposia and workshops on topics of interest
- Informal mixers for members of different disciplines to meet and exchange information
- Annual dinner meeting
- Sponsorship of membership directory
- Distribution of a newsletter
- Surveys of local business leaders on topics of interest to the members
- Sponsorship of special meetings, Venture Florida, of regional or national interest
- Serve as an umbrella to related organizations formed to serve high technology activities

Purpose

- To stimulate, encourage, advance and promote the start-up and expansion of technology oriented businesses in the Central Florida area.
- To provide information and educational programs for the benefit of those having business, financial or professional interest in technology oriented Central Florida firms.

Sponsors

- Arthur Andersen & Co.
- Automation Intelligence, Inc.
- Coopers & Lybrand
- Dean, Martin, Egerton, Bloodworth, Capouano & Bazant, P.A.
- Deloitte Haskins & Sells
- Ernst & Whirley
- Florida National Bank
- Peltz, Marwick, Mitchell & Co.
- Price Waterhouse
- Shepton Tenk Towers Hotel
- Southeast Bank, N.A.
- Sun Bank, N.A.
CLAD INLAYS
ELECTRON BEAM WELDED STRIP
FOR CONNECTOR APPLICATIONS

TECHNICAL MATERIALS, INC.

Date: Wednesday, March 26, 1986
Time: 7:30 P.M.
Where: Sandusky Plaza, Orlando
60 South Apopka Boulevard

Sponsor: TECHNICAL MATERIALS, INC.

Subject: CLAD INLAYS - ELECTRON BEAM WELDED STRIP
FOR CONNECTOR APPLICATIONS

Speaker: Mr. Richard Grubb, Marketing Manager

- Refreshments will be served at the close of the meeting

For additional information, please contact:

Joseph Santiago, Chapter President
762-9210

John Gage, V.P., Membership
780-9845

Hartley Thompson, Treasurer
299-3700

Joyce Franco, Secretary
799-9845

All are welcome!! Members!! Guests!! Visitors!!

(Please post)
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, April 1, 1986
5:30 PM
at
Automation Intelligence
1200 West Colonial Drive
Orlando, FL 32804
944-7039

Please note that this is a temporary change of location. We hope it will encourage those who must travel from the south end of town to attend by offering a more central location.

-Respectfully,
Geoffrey E. Dick
Secretary,
IEEE Orlando Section
IEEE ORLANDO SECTION EXECUTIVE COMMITTEE MEETING

NOTE: List your phone/address if:
1. New/first time attendee
2. Change
3. New address preference to send copy of minutes of this meeting

<table>
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<th>ADDRESS/M.P.</th>
<th>ZIP</th>
<th>OFFICE PHONE</th>
<th>HOME PHONE</th>
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<td></td>
<td>354-7752</td>
<td></td>
<td>678-0922</td>
</tr>
<tr>
<td>George Mack</td>
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<td>Ed Ellis</td>
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<tr>
<td>Russ Thayer</td>
<td>2447 Oldham Rd</td>
<td>356-4320</td>
<td></td>
<td>871-4139</td>
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<tr>
<td>Carl Fackler</td>
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<tr>
<td>Jorge Medina</td>
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<td>834-1600</td>
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<tr>
<td>Woody Carter</td>
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<td>Frank Fluett</td>
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<td>S.K. Huddleston</td>
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<tr>
<td>Don Medcalf</td>
<td></td>
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<tr>
<td>Jim Nelson</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bill Kownacki</td>
<td>7748 Liverpool Blvd</td>
<td>32567</td>
<td>356-6447</td>
<td>271-3470</td>
</tr>
<tr>
<td>Holl Brown</td>
<td>✓</td>
<td>✓</td>
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<td>A.J. Jensen</td>
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</tbody>
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ATTENDEE: IEE
IEEE ORLANDO SECTION EXECUTIVE COMMITTEE
MINUTES OF MEETING

Date: April 1, 1986

Location: Automation Intelligence, 1200 Colonial Drive
Orlando, Florida

Attendees:
George B. Taack, Jr. W.C. Carter
Carl F. Schunemann Jorge Medina
Frank Fluet Tom Nelson
Don Malocha Bill Kownacki
Ed Ellis Russ Theisen
G. K. Huddleston M. Joseph Kise, Jr.
Hal Brown Geoffrey Dick

1. The meeting opened at 5:14 pm by Executive Committee Chairman, George Taack. Frank Fluet was holding a proxy vote from Mike Haddad, Chairman of PES who was unable to attend. With the proxy and attendees, a quorum was present. Chairman George Taack distributed a new membership listing.

2. The March 4, 1986 minutes were reviewed. Rus Theisen moved and Ed Ellis seconded a motion to accept the minutes. Motion passed.

3. Treasurer's Report - Carl F. Schunemann:
The April 1 Treasurer's Report was presented at the meeting by Mr. Carl Schunemann, Treasurer. Disbursements between March 4 and April 1 totaled $1,128.96. The checking account has $2,598.67 of which $1500 is State of Florida Funds. The Ireykus Fund balance is $1698.37. Ellis moved and Frank Fluet seconded a motion to accept the Treasurer's Report. Motion passed. The Treasurer requested that someone take charge of billing our advertisers. The last incoming money received from advertising was via John Gilbert when he held office. Brian Vancata will be holding the Eaton check until after the 3rd ad. appears in the Section Notes in August. Brian Petrasko should be contacted about who the billing person is for the Tutorial advertised in the April newsletter. The question remains "Do we have someone properly broken in to conduct billing of our advertisers?"

4. Conference Committee - Frank Fluet:
The Conference Committee report was distributed. Mr. Fluet met with Richard Geiger from Orange Co. Convention Center Service Bureau. A favorable response from Mr. Huddleston's letter for the Microwave Symposium bid for 1992 was received. Richard Geiger has sent a letter of commitment for the tentative schedule of June 14 to June 19 for the MTT Society. Support from local chapters will be needed to hold this conference bid. On March 14 the shotgun letter was mailed to the 16 national chairman, and the Orange County Convention Bureau sent material to the same addresses. The IAS Chairman responded that possibilities exist for 1992. Rus Theisen suggested submitting a letter to Tom Grimm. Don Malocha reported that ISEE plans to come to Orlando in 1993.
April 1, 1986 IEEE Executive Committee Minutes - (continued)

5. SOUTHCAN - Ed Ellis
Southcon had a record number of pre-registrations. Last count was 14k
attending. The conference appears to be a success. Any profits from the
conventions will be divided by Electronics Industries Association and
IEEE. After expenses, the amount to be divided is expected to be small
with a PCIEEE, Atlanta, and Region 3.

6. Programs - Conrad Blankanze (Absent)
No report.

7. Public Relations - George McClure (Absent)
No report.

8. Publications - Norm Lawton
George Taack presented the report since Mr. Lawton is on active duty in
the Navy. He left for Jacksonville about 2 weeks ago. Don Melcha
will be attempting an experimental issue of the Section Notes in his
absence. The 15th is the last date for submissions for next month's
issue. To help preserve some of the newsletter budget, George Taack and
Norm Lawton have been personally applying the labels for the last two
months. He noted that the month before last circulation was over 1200,
last month it was down to 1000 due to "no pars", and this month it was
back up to 1042. About 2/3 each month was saved by not using Altamonte
Data Processing for applying labels to the newsletter. All of the
Heritage bills are in except for the last one. The last bill for $569
is not being accepted because it is missing camera-ready credits that
was due. George Taack reported on PCIEEE plan to have a State-wide
publication and do away with the local publications. Advertisers will
be pooled together to support each issue, with PCIEEE underwriting any
loss for the first 3 issues. There is a possibility that our bulk
mailing permit may be used to distribute the 10,000 newsletters in the
proposal, with reimbursement to our section for the cost. A local
Winter Park publisher is being considered to do the job. PCIEEE will
be making a decision on the publisher’s proposal at their next meeting.

9. Awards - Ben Patz (Absent)
George Taack brought to the meeting packets for Fellow Nominations to
give to Dr. Patz. Geoffrey Dick brought to the meeting photographs
taken at the Awards banquet. One picture was selected for publication
in the next issue of the newsletter.

10. Historian - Rus Theisen
Mr. Theisen presented a report on Orlando Membership Statistics Jan.31,
1986 (attached). Of 1037 members, 46% are members of societies. In addi-
tion to the written report, he also presented the following statistics:

<table>
<thead>
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<th>Category</th>
<th>Number</th>
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</thead>
<tbody>
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<td>114</td>
</tr>
</tbody>
</table>

Rus Theisen reported that since we have over 1800 members again this
year, we should get 2 additional votes for a total of 10 in the Florida
Council.
April 1, 1986 IEEE Executive Committee Minutes — (continued)

11. Nominations Committee
The proposed slate of officers was published in the March issue of the Section Notes. The nominations are:

Chairman: Dr. Don Malocha
Vice Chairman: Mr. Geoffrey Dick
Secretary: Mr. Tom J. Nelson
Treasurer: Dr. Madjid Belkerdidi

The By-Laws state that any additional nominations are to be submitted in writing by the April Executive Committee meeting. Chairman announced that no additional candidate submittals have been received. Ed Ellis moved and Rod Theisen seconded a motion to accept the slate of officers by acclamation. Motion passed.

The new Orlando Section officers will take office on July 1, 1986. Their term ends June 30, 1987.

CHAPTER REPORT

12. AES — Dave Flinchbaugh (Absent)
No report.

13. CPMSOC — Madjid Belkerdidi (Absent)
Don Malocha reported that the Communications Society will be planning one more meeting for this year.

14. Computer Society — Jorge Medina
The meeting on March 29 had low attendance (report attached). The next meeting is scheduled for April 3 at UCF and Kane Furniture. Dr. S. M. Reddy will be speaking on "CMOS Digital Circuits - Fault Diagnosis Design for Testability and Built-in Testing". Jorge stated that Kane Furniture facilities can be made available for Executive Committee meetings if we so wish. He has reserved August, and September dates if we wish to use them. October is already taken. He says all they require is a $25 deposit. Southern College has all of its meeting rooms reserved by other society groups non-IEEE related this year.

15. Electron Devices — Hal Brown
A meeting is scheduled for May 29, 7:30 pm, at UCF.

16. AP & MTT — G. Keith Huddleston
Mr. Huddleston introduced the Executive committee Joe Kiss, candidate for Chairman of AP/MTT next year. The election will be at the April 15 meeting. At that meeting Robert Munson at UCF on Microstrip Antennas. There may be a problem to get him appear at H.P. the same time as stated in the Section Notes. Carl Schumenn commented on the outstanding comeback this year of the AP/MTT group thanks to the leadership of Keith Huddleston.
April 1, 1986 IEEE Executive Committee Minutes - (continued)

17. PES/PG - Mike Haddad (Absent)
Frank Flrst reported for Mr. Haddad. Westinghouse will be reserving full page ad in the May issue of the Section Notes. A meeting and tour of the Stanton/GUC Energy Center is tentatively scheduled for May 15.

18. UFFBC - Don Malocha
A meeting was held at Savtech at March 20 with 17 people attending. The next meeting will be in May at the Naval Research Lab.

19. EMC - Brian Vancata (Absent)
No report.

OLD BUSINESS

20. Meeting Reports
Up to $100 credit is available from FCIIEEE for meeting reports that include the following additional information about the speaker:

Title of Paper
Speaker's address
Phone number speaker can be reached at
Recommendation/assessment of the presentation

NEW BUSINESS

21. FCIIEEE will be conducting an officer training session in June. The suggestion to hold the meeting in Jamaica was defeated. Now it will be held somewhere along the east coast north of Miami. Ed Ellis remarked that the sessions held in the past were very informative. Our four incoming section officers should try to attend. FCIIEEE will pay for two of the officers for one night's stay.

22. A question was raised about budgets for chapter's next year. The outgoing chairman will prepare the proposed tentative budget for next year in a report to the Treasurer. The new incoming chairman will submit in September a finalized budget.

23. The meeting adjourned at 7:24pm.

Respectfully submitted by,

[Signature]
Secretary, Orlando Section
IEEE ORLANDO SECTION
TREASURER'S REPORT
APRIL 1, 1986

Checking Account Balance $3,727.55
March 4, 1986 Treasurer's Report

DISBURSEMENTS:

#1266 D.C. Malocha
a. 1-27-86 UFFC Dinner Meeting, 116.47
   Speaker & Wife Dinners, 324.00
   Dinner Subsidy 90.37
   Total 114.37
b. Vice-Chairman’s Mailings 4.10
   Total 118.47

#1269 Christos Christodoulou 75.00
a. Student Awards, $50
   (2 Series EE Savings Bonds)
b. Refreshments, Hal Ehrenz
   MIT/AP Meeting, 255

#1270 Heritage Press 375.00
February 1986 Section Notes,
Invoice Received 3-8-86

#1271 Gerry Picard 24.99
Refreshments
3-29-86 MIT/AP Meeting

#1272 Heritage Press 355.60
March 1986 Section Notes
Invoice Dated 2-28-86
Postmarked 3-27-86
Paid 3-30-86
IEEE Orlando Section
Treasurer's Report
April 1, 1986 - Continued

#1273 Postmaster, Bulk Mail
Acceptance Unit.
3-31-86 Newsletter Mailing
and Deposit to Permit #3492

Total Disbursements: $1,126.96

Checking Account Balance, 4-1-86: $2,698.69

(Balance of State of Florida Funds included in above checking account balance, per 1-1-86 Report is $1,500.00)

Gross Funds Summary:

Checking Account Balance $2,698.69

Delayed Check from NRE, Expected Early April,
For 1-27-86-FFC Meeting

Ureyfus Fund Balance, 3-4-86

Gross Funds, 4-1-86

1,698.37

4,368.06

Respectfully submitted,

Carl F. Schunemann
Treasurer
April 1986

To the IEEE Executive Committee,

I hereby authorize Don Malocha to represent me in today's meeting.

[Signature]

John E. Miller
January 1986

The IEEE Orlando Section is beginning to actively solicit advertising in our Monthly IEEE Section Notes from companies in the central Florida area. The reason we are launching this task is to provide additional revenues for support of our ever increasing membership, to increase services to our members through our chapter meetings and section notes announcements, to provide a dynamic organization for the benefit of our local professionals, to provide a forum for technical and social exchanges and to inform the engineers of services and needs of our local companies which will mutually benefit the engineers and companies.

In addition to servicing our membership, we believe advertising in our Section Notes will be providing a valuable service to our local companies. The IEEE Orlando Section has over 1000 members and the University of Central Florida Student Branch of 200 members is also included in our monthly mailing. This is certainly a very large readership which can be targeted by companies who would like to advertise their electronics or electronics related services or products. The Orlando Section is composed of a diversity of engineering disciplines as evidenced by the active chapters which include Aerospace & Electronic Systems, Communication, Computer, Computer, Computer, Antennas & Propagation, Microwave Theory & Techniques, Power Engineering, Industry Applications and Ultrasonics, Perceolectrical & Frequency Control Societies.

A recent article lists Florida as the leading high-technology state in the South and seventh in the nation. Our IEEE section services our members of the central I-4 high technology corridor and includes many high-tech companies, such as Martin Marietta, Stratospheric Carlsco, Westinghouse, GE, Automation Intelligence, AVX, NTBC, Piezo Technology, SanTek, Inc and many more.

Our Section Notes are published 10 times per year and the following advertising rates are established:

<table>
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<th>Format</th>
<th>Single Insert</th>
<th>Two or More Insertions</th>
</tr>
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<tbody>
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</tr>
<tr>
<td>Double Page</td>
<td>$107</td>
<td>$179</td>
</tr>
</tbody>
</table>

I would certainly encourage you to consider this opportunity to direct your advertising at your desired market while aiding our engineering profession. For further information or to place an order, contact me at the above address or contact our advertising manager, Brian Vancata at (305) 857-6126.

Sincerely,

Donald C. Malocha
Vice-Chairman, IEEE Orlando Section
To all Society Chairman:

In an attempt to reduce costs in the publication of our IEEE Orlando Section Notes, an experiment will be conducted in the publication of the May Section Notes. I will be acting as the focal point for assembly of the notes and all information should be directed to me. The notes will look the same as in previous months with the exception of the professional type-setting. In order to reduce the amount of work in layout, I am asking all announcements from the various societies of upcoming meetings or general announcements to be confined to one (1) 8.5" x 11" sheet with adequate margins on all sides. Attached you will find the format which I would like to standardize for all societies.

Also, I request all announcements to be in "camera ready format" so no additional work on typing or formatting is necessary. You can use any style of lettering or word processing characters you desire. Be aware, however, that the sheet will be reduced by 64% to fit our current page format. I regret that only camera ready announcements will be published.

As I hope you are aware, the section expenditures are currently out pacing our income. Our section notes are the greatest drain of our capital resources but are the greatest asset in terms of informing our local members of our meetings and services. We are attempting to maintain the quality of our notes while reducing costs and raising income. To the latter issue, if you have any contacts with your own company or with influential colleagues, please inform them of the advertising potential of our notes. I have attached a letter which provides information to prospective advertisers. Please help us in our attempt to keep serving our membership and to maintain the quality of the Orlando Section.

Sincerely,

Donald C. Malocha
Vice-Chairman, Orlando Section
FORMAT FOR SECTION ANNOUNCEMENTS

----------------- SOCIETY MEETING ANNOUNCEMENT

TOPIC:

SPEAKER:

DATE and TIME:

PLACE:

For further information contact:

OTHER:

ABSTRACT

ABOUT THE AUTHOR
Conference Committee Report

To: Executive Committee, Orlando Section of IEEE.

From: Frank Fluet, Chairman, Conference Committee

1. International Microwave Symposium Bid:

I met March 5 with Richard Geiger, account executive at the Orange County Convention Bureau. I delivered the excellent letter that our MIT Chapter Chairman, Keith Huddleston, wrote to extend the Chapter's support. Mr. Geiger, since our meeting, has sent a letter of invitation and a tentative reservation form (from Kathleen DeSevilla, Orange County Civic Center account executive) for the Civic Center on June 14 through 19, 1992 (see copies of letters attached).

2. On March 14, I mailed the general conference invitation letter to the 16 national Society presidents. On the same day, in a separate mailing, Connie McConnell, another account executive at the Convention Bureau sent Orlando 'Go for the Magic!' promotional material to the same people.

3. Our first response to 2. above is from the IAS president. IAS has picked sites through 1991. We should be in consideration for 1992 or later.
March 6, 1986

Mr. David McQuiddy, Chairman
Texas Instruments, Incorporated
P.O. Box 286815
Dallas, TX 75264

Dear Mr. McQuiddy:

Thank you for your interest in the Orange County Convention/Civic Center. At your request, we are holding the following dates and convention facilities on behalf of International Microwave Symposium for your consideration:

<table>
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<th>North Hall</th>
<th>100,000 square feet</th>
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</thead>
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<tr>
<td>Move-In</td>
<td>June 14, 1992</td>
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<td>Show</td>
<td>June 15-18, 1992</td>
</tr>
<tr>
<td>Move-Out</td>
<td>June 19, 1992</td>
</tr>
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It is our understanding that you would require the above exhibit space plus a proportional amount of meeting rooms to accommodate your educational programs.

If the specified dates and space meet with your approval, please sign and return a copy of this letter within 30 days. This will confirm the space on a tentative basis pending a final decision.

Enclosed is an informational packet on the Center and a Lodging Guide which outlines hotels and services available in the area. If you require additional information, please let me know.

We appreciate this opportunity to host your event and will work with you towards bringing your group to Orlando.

Regards,

Kathleen De Sevilla
Account Executive

[Signature]

Approved

[Date]

cc: Rich Geiger

9800 International Drive, Orlando, Florida 32819-8199 • (305) 345-9800
Dr. Dave McQuiddy  
Chairman, International Microwave Symposium  
Texas Instruments  
P.O. Box 266015  
Dallas, Texas 75264

Dear Sir:

Yes in 1992!

As current chairman of the Orlando chapter of the MTT Society, I enthusiastically encourage you to select Orlando as the site for the International Microwave Symposium in 1992.

Based on the gratifying response of the 57 Orlando members to this year's chapter activities, I am certain that the necessary volunteer support from the local membership will be forthcoming. In addition, our highly successful efforts to coordinate our technical program with that of the South Brevard/Indian River chapter in Melbourne prompts me to say that we can also depend on that chapter's members in supporting the symposium activities. We are currently working to include the Suncoast (Tampa) chapter in our planning and coordination, leading in the near future to a strong Central Florida coalition of MTT chapters.

Key chapter members are experienced in planning and hosting symposia of this type. I served as local arrangements chairman for the AP-S/MTT symposium in Atlanta in 1974, and in various other capacities for numerous editions of the Electromagnetic Windows Symposium in the recent past. Joe Pullara, John Tracy, and others hosted the MTT Symposium and other conferences in Orlando in the recent past.

High-technology employers, such as Martin Marietta, Hewlett Packard, Coleman Research, Parks Jagger, and the University of Central Florida, have been supportive of such activities in the past and can, I believe, be depended upon for continued support in 1992.
I expect to be actively employed at Martin Marietta Orlando Aerospace in 1992 and would certainly volunteer to serve in any position on the steering committee for the 1992 International Microwave Symposium.

Sincerely

MARTIN MARIETTA AEROSPACE

Gene K. Huddleston
Senior Member, Technical Staff

cc: Paul Halsema, Chairman, South Brevard/Indian River Chapter
    Steve Myers, Chairman, Suncoast Chapter
March 10, 1986

Mr. David McQuilky
Chairman
INTERNATIONAL MICROWAVE SYMPOSIUM
Texas Instruments
Post Office Box 266015
Dallas, Texas 75264

Dear David:

It's been a pleasure talking with you regarding the International Microwave Symposium. On behalf of the Orlando community and the Orlando/Orange County Convention & Visitors Bureau, I would formally like to invite you to hold the 1992 International Microwave Symposium in our city.

Already established as this country's premier tourist destination, Orlando is well on its way to becoming recognized as the nation's number one meeting and convention site as well. Few, if any, destinations can offer such diversity in meeting facilities, accommodations, and recreational/entertainment opportunities.

Within the Orlando/Orange County boundaries you will find almost 60,000 hotel rooms, suitable for any group's needs. As the site of many flagship properties for major hotel corporations, Orlando offers something for everyone's budget, from the most luxurious resort properties to the more modest of properties. Within a 1.5 mile radius of the Orange County Convention/Civic Center there are 5,000 sleeping rooms, including major convention hotels such as the Orlando Marriott, Peabody Orlando, Sheraton World, and the Wyndham Hotel Sea World. Because of the wide variety of hotels available in Orlando, we are sure to locate the perfect facilities to accommodate your symposium.

The Orange County Convention/Civic Center has a total of 150,000 square feet of unobstructed exhibit space and can be divided into 101,620 and 49,468 square feet areas. The Center has an additional 30,000 square feet of meeting space, which can be divided into nine and up to 22 rooms, accommodating groups of varying sizes from 65 - 2,323 attendees. In addition, we are quite certain the enabling legislation to expand the Convention Center to 350,000 square feet of exhibit space will be passed this April, with construction to begin soon after. The Convention Center has the dates of June 14-19, 1992 available at this time for your symposium.
Mr. David McQuiddy
March 16, 1986
Page Two

Our new ultra-modern Orlando International Airport, recognized as one of the finest and most efficient in the country, has made Orlando one of the most easily accessible cities in the world. Presently served by 31 airlines, offering over 500 flights daily, it is possible to arrange direct or non-stop flights to Orlando from most major cities. Because of Orlando's popularity as a tourist destination, the airfares into Orlando are extremely competitive, thus making it a very affordable destination for your attendees.

Once in Orlando, ground transportation in and around our city can be arranged with ease. Orlando has this country's largest inventory of rental cars and offers rates that are among the lowest in America. Bus service from hotels to area attractions is frequent and inexpensive, with some properties offering complimentary transportation. Airport transportation is also inexpensive and again, many hotels offer free airport transportation.

Major attractions in and around the Orlando area offer unlimited entertainment possibilities for your convention. Walt Disney World Vacation Kingdom, including Magic Kingdom and EPCOT Center, continues to be the world's most famous attraction, drawing approximately 24 million visitors each year. Sea World, Circus World, Wet 'N Wild, Kennedy Space Center, and many others all within a short driving distance from Orlando aid to this list of major attractions. These attractions can all offer a variety of spouse programs, children's activities, tours and theme events for your group.

Additional opportunities for recreational and social programs are unlimited. Golf, tennis, and water sports of all kinds abound and cultural activities may include performances by the Florida Symphony Orchestra, a Broadway play, or perhaps a tour of one of our galleries and museums.

Enclosed are some informational brochures which will provide you with a more detailed description of the many advantages that Orlando offers as a meeting site. Also enclosed is a letter from Mr. Gene K. Huddleston, Chairman of the Orlando Chapter of the NIT Society, expressing local support to host this prestigious symposium. Kathy DeSevilla, of the Orange County Convention/Civic Center, has also enclosed a letter in regard to dates the Center is holding for your symposium. I am confident with the strong support the local society is providing, and Orlando as the destination, your 1992 Symposium will be a huge success.

Dave, I want to personally express my willingness and desire to work very closely with you and the local society in an effort to insure the success of your Symposium. Thank you again for your consideration and I look forward to working with you and welcoming the International Microwave Symposium to Orlando in 1992.

Sincerely,

Richard Geiger
Account Executive

enclosures
March 19, 1985

Ms. Connie McConnell
Account Executive, Orlando/Orange County
Convention and Visitors Bureau Inc.
7680 Republic Drive, Suite 100
Orlando, Florida 32819

Mr. Frank Fluet
Chairman, IEEE Orlando Section
Conference Committee
1200 W. Colonial Drive
Orlando, Florida 32804-7194

Dear Friends:

Subject: Possible Industry Application (IAS) Meetings in Orlando

Both of you have sent me information indicating the interest of your groups in our Society holding a meeting in Florida. The information covered the area, its points of interest, and its facilities well. I have had the privilege of attending meetings and vacationing in the Orlando area, and have always found it most enjoyable.

I completed my term of office as IAS President on December 31, 1985. In any case, the IAS Meetings Department is largely responsible for selection of sites for our IAS Annual Meeting. We have found it desirable to select sites at least 5 years in advance, so we have our sites picked through 1991, the last I knew. Sites were actively being considered for 1992. In any case, I have taken the liberty of sending your information to our Meetings Chairman:

R.J. Dold
Micro-Switch Division
Honeywell Corp.
P.O. Box 752
Seabrook, Texas 77586
Ms. Connie McConnell
Mr. Frank Fluet
Page 2
March 19, 1986

I am sure he will give consideration to Orlando for future meetings. Personally, I would enjoy attending an IAS meeting there.

Sincerely yours,

[Signature]
Richard S. Nichols
1985 IAS President

kje/IEEE/064
cc: M.J. Dold
Mary E. Hansford
E.G. Kaisser
Dr. Dave McQuiddy
Chairman, International Microwave Symposium
Texas Instruments
P.O. Box 266015
Dallas, Texas 75264

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Sincerely

MARTIN MARIETTA AEROSPACE

Gene K. Huddleston
Senior Member, Technical Staff

cc: Paul Halgema, Chairman, South Brevard/Indian River Chapter
    Steve Myers, Chairman, Suncoast Chapter
<table>
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<th>RANKED</th>
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**ACTIVITY WITH SOCIETY MEMBERSHIP**

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COMPUTER SOCIETY MEETING ANNOUNCEMENT

Date: Thursday, 3 April, 1986

Place: University of Central Florida
Computer Science Bldg.
CC2 Room 103
3:00 PM - 4:30 PM

Kane Furniture Conference Room
2601 E. Colonial Drive, Orlando
7:00 - 9:00 PM

Topic: CMOS Digital Circuits—Fault Diagnosis Design for Testability and Built-in Testing

Speaker: Dr. S. M. Reddy, Professor and Chairman
Department of Electrical and Computer Engineering
University of Iowa

Point of Contact: For any more information, contact Jorge Medina (834-9600) or Steve Forsythe (244-1166)

Admission: None. All members, students, and industrial representatives are invited.

ABSTRACT

Complementary MOS (CMOS) technology is becoming an important, if not the dominant, VLSI technology. Faults in CMOS digital circuits have to be handled in ways different than the ones proposed earlier for bipolar and other MOS technologies, thus requiring new fault diagnosis, testable designs and built-in testing of CMOS logic circuits will be presented.
COMPUTER SOCIETY
MEETING ANNOUNCEMENT

Date: Thursday, 15 May, 1986

Place: Kane Furniture Conference Room,
2601 E. Colonial Drive, Orlando

Time: 7:00 - 8:30 PM

Topic: Welcome To The Information Age

Speaker: TBD, Southern Bell

Point of Contact: For any more information, contact Jorge Medina (834-9600) or Steve Forsythe (244-1164)

Admission: None. All members, students and industrial representatives are invited.

ABSTRACT
Would you like to go on an exciting journey into the Information Age? Then sit back and enjoy this presentation, "Welcome To The Information Age."

This show will tell you all about future communications technology. From home information services to remote meter reading and energy management.

It is a whole new world out there and at Southern Bell they are "Already In Touch With The Future."
The Central Florida Chapter of the Electronic Connector Study Group invites all IRE members with an interest in interconnection technology to attend its monthly meetings. Following the technical presentation complimentary refreshments are served. The meeting dates and scheduled programs are as follows:

April 30, 1986  Program: Cannon on Fiber Optics
May 29, 1986   Program: Winchester 'Fresfit Connectors, C-Fras Technique'
June 25, 1986  Program: DoPont :Subject to be announced

Location: RADISSON PLAZA HOTEL, Orlando
60 South Ivanhoe Boulevard

For the start time of the evening program please call Joyce Franco, Secretary at (305) 788-0845 or Fred Wachman at (305) 857-1651.
January 1986

The IEEE Orlando Section is beginning to actively solicit advertising in our monthly IEEE Section Notes from companies in the central Florida area. The reason we are embarking on this task is to provide additional revenues for support of our ever increasing membership, to increase services to our members through our chapters meetings and section notes announcements, to provide a dynamic organization for the benefit of our local professionals, to provide a forum for technical and social exchanges and to inform the engineers of services and needs of our local companies which will mutually benefit the engineers and companies.

In addition to servicing our membership, we believe advertising in our Section Notes will be providing a valuable service to our local companies. The IEEE Orlando Section has over 1000 members and the University of Central Florida Student Branch of 220 members is also included in our monthly mailing. This is certainly a very large readership which can be targeted by companies who would like to advertise their electronics or electronics related services or products. The Orlando Section is composed of a diversity of engineering disciplines as evidenced by the active chapters which include Aerospace & Electronic Systems, Communication, Computer, Electron Devices, Antennas & Propagation, Microwave Theory & Techniques, Power Engineering, Industry Applications and Ultrasonics, Ferroelectrics & Frequency Control Societies.

A recent article lists Florida as the leading high-technology state in the South and seventh in the nation. Our IEEE section services our members of the central I-4 high technology corridor and includes many high-tech companies such as Martin Marietta, Stetson Carlson, Westinghouse, GE, Automation Intelligence, ATK, NEC, Piezo Technology, Samtek, Repco and many more.

Our Section Notes are published 10 times per year and the following advertising rates are established:

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I would certainly encourage you to consider this opportunity to direct your advertising at your desired market while adding our engineering profession. For further information or to place an order, contact me at the above address or contact our advertising manager, Brian Vancata at (305) 857-6226.

Sincerely,

Donald C. Malocha
Vice-Chairman, IEEE Orlando Section
CHAIRMAN’S MESSAGE

ORLANDO CHAPTER OF NTT-3/AP-3

April 29, 1986

This has been a good year for the Orlando chapter and its 57 joint members! We held nine technical meetings with an average attendance of 29 members and visitors, resulting in an activity index of AI=6.016 as shown in the attached Chapter Activity Report.

Much of the success of this year’s chapter activities is attributed to the excellent program of speakers — and the very gratifying response of the members in supporting the meetings and the social dinners after the meetings. The national lecturer programs of both NTT and AP are gratefully acknowledged in helping to bring quality speakers to Orlando.

The monetary support provided by the societies was also a key contributor to the success in Orlando. In addition to providing for a vibrant and viable progress of chapter activities, additional funds were provided to support a special student project at the University of Central Florida (UCF). The participation of both students and faculty in regular chapter activities has been such improved, and the regular members are more keenly aware of the programs and challenges faced by our university colleagues.

The attached budget report shows that approximately 2/3 of the allocated $1506 was expended through April. The surplus is due to generous contributions of the companies shown in the activity report, and especially to the Orlando office of Hewlett Packard.

Another key ingredient to our success has been the coordination between the Orlando and Indian River/South Brevard chapters. We also plan to include the Sun Coast (Tampa) chapter fully in our coordination efforts, ultimately building a strong coalition of Central Florida NTT/AP chapters of IEEE.

We elected a full slate of chapter officers to serve during 1986-87 as shown on the attached new directory. We look forward to an even better year upcoming and anticipate continued support from the society.

My special thanks goes to Joe Kiss, Bob Smallwood, and Terry Picard as this year’s chapter officers for their faithful support and service to the membership.

Gene K. Huddleston
Outgoing Chapter Chairman
AP-S/MTT-S CHAPTER OFFICERS DIRECTORY

CHAPTER: Orlando
JANIT CHAPTEC AFFILIATION: AP-S & MTT-S
TERMS OF OFFICE: 6/86 through 6/87

CHAIRMAN:
Matthew J. Kins
Martin Marietta Aerospace
P.O. Box 5837 MP 200
Orlando, FL 32855
(305) 356-6549 or 5112
(305) 351-1959

VICE CHAIRMAN:
Robert Smeek
Newell-Packard Company
6197 Lake Eleanor Drive
P.O. Box 13910
Orlando, FL 32859
(305) 859-2900
(305) 859-9724

SECRETARY:
Thomas C. Picard
Martin Marietta Aerospace
P.O. Box 5437 MP 113
Orlando, FL 32855
(305) 356-7332
(305) 281-8154

LOCAL ARRANGEMENTS:
Dr. Chris Christosoulou
University of Central Florida
EECS
Orlando, FL 32816
(305) 821-5831

PAST CHAIRMAN:
Dr. Gene K. Huddleston
Martin Marietta Aerospace
P.O. Box 5837 MP 113
Orlando, FL 32855
(305) 566-7201
(305) 339-0236
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* Also spoke on preceding evening at South Brevard/Indian River Chapter
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, May 6, 1986
5:30 PM
at
Downtown Orlando Public Library
Cypress Room, 3rd. Floor
Community Relations Area
E. Central & Rosalind
Orlando, Florida

Please note this change of location. The entrance of the Library
has been changed from Rosalind to Central in the construction.

The minutes from April 1 will be brought to the meeting.

Respectfully,

Geoffrey E. Dick
Secretary,
IEEE Orlando Section

Geoffrey E. Dick

1914 Carvel Drive
Winter Park, FL 32792
Office: (305) 356-7752
Home: (305) 676-0979

April 30, 1986
LIBRARY EXPANSION:
The Floor Plan
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, May 4, 1986
5:30 PM
at
Downtown Orlando Public Library
Cypress Room, 3rd. Floor
Community Relations Area
E. Central & Rosalind
Orlando, Florida

Please note this change of location. The entrance of the Library has been changed from Rosalind to Central in the construction.

The minutes from April 1 will be brought to the meeting.
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<td>32792</td>
<td>356-7752</td>
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<td>ATTENDEE</td>
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Date: May 6, 1986

Location: Cypress Room, 3rd Floor
Downtown Orlando Public Library
East Central Rosalind Aves.
Orlando, Florida

Attendees: George D. Taack, Jr. W.G. Carter
Carl F. Schunemann John Gilbert
Frank Fluet Tom Nelson
Don Malocha Madjid Belkwardi
Ed Ellis Patty Olgarden
G. K. Hurdleston Mike Haddad
Geoffrey Dick

1. After a welcome greeting from Joan Erwin, Orange County Librar-Community Relations, the meeting opened at 5:44 pm by Executive Commit-tee Chairman, George Taack. A quorum was present.

2. The minutes of the April 1 meeting were distributed for review and later acceptance. See item 9.

3. Treasurer's Report - Carl F. Schunemann
Mr. Schunemann distributed the May 6, 1986 Treasurer's report. Two deposits appear this time: an accounts receivable check dated 4/6/86 from Don Malocha for UFFC of $72 and a $500 check dated 4/24/86 from AES Chairman, Dave Finchbaugh. After all disbursements, our gross funds are $3,623.95 of which $1580 is the State of Florida funds. We need to bill our advertisers for February, March, April, and May which should add approximately $700 in deposits. Our next check from IEEE is due in August. Last year it amounted to $1845.96. Outstanding is a Heritage Press bill for $389 which is being held for camera-ready credit which was not included. The annual financial report for last year is overdue (March) in process of being assembled by the Treasurer. Ed Ellis moved and Frank Fluet seconded a motion to accept the May 6, 1986 Treasurer's report. Motion carried.

4. Student Chapter has new Chairperson
Don Malocha introduced Miss Patty Olgarden, new President of the UCF IEEE Student Branch. Miss Olgarden presented the 1985 Student Branch financial report to Treasurer Carl Schunemann for submission with the Orlando Section report to headquarters, prepared by the Finance Committee consisting of the Past Jr. Chairman, Frank Fluet, the Section Vice Chairman, Don Malocha and the Treasurer, Carl Schunemann.

5. Membership Development - Woody Carter
Membership fell from 1151, an all time high, to 951, reflecting those who are in "new areas". Mr. Carter, noting past trends, remarked it is normal for the membership to increase 38 per month for 11 months and then drop suddenly. Some 258 letters are to be sent out to individuals urging them to renew their membership. Students are 50% of the number.
May 6, 1986 Orlando IEEE Executive Committee Minutes - (continued)

7. FCIEEE Council Votes
Orlando Section should be entitled to more votes in the Florida Council based on increased membership on December 31, 1985 which was 151.

8. Conference Committee - Frank Fuest
Sixteen selected Society Presidents were sent letters of invitation to hold conferences in the Orlando area several months ago. Two responses have been received in addition to the one announced at the last meeting of Oceanic Engineering Society and Aerospace Electronics. Chairman B. proposal was submitted by Ocean Engineering for 1991 and 1993 conferences. The local chapter support would be required to be eligible. The AESS submitted a brief letter to Dave Flichaug stating needs to be consulted as to how much local chapter support can be obtained. The May 6, 1986 Conference Committee written report was distributed to executive committee members present. (attached).

9. Minutes
Page 1, item 4, last sentence: UESG should be UFC. With this correction, Ed Ellis moved and Don Malocha placed a 2nd on a motion to accept the April 1 minutes. Motion passed.

10. Program - Conrad Blankanze (absent)
Chairman George Taack report for Mr. Blankanze. The June Banquet & Officers' Installation will be held at the Langford Hotel on the 21st.
Carl Schumemann volunteered to drop off a deposit check to them for the Saturday evening.

11. Publications - More Lawton (absent)
George Taack has been filling in while Mr. Lawton is out of town. It appears that we saved $279 per month by laying out the newsletter ourselves. The April cost including mailing was $430. We have $375 o advertising in that issue. The May issue cost $440 and had approximately $275 of advertising having one full page ad less. It appears that the newsletter would pay for itself if it had just two more full page ads.

Don Malocha reported that he found a local publisher who would like to try to handle the Orlando Section Notes for us in an attempt to give us a positive cash flow. The publisher would do all the layout and bill the advertisers for us. All we would have to do is provide the publisher with a list of advertisers. They would do all the leg work, the publisher would like to give us a pitch next month if the Executive Committee approves. Suggestion was approved to allow the publisher 1/2 hour for a pitch at the June meeting. John Gilbert volunteered to provide a list of advertisers that could be considered.

Discussion of the suggestion led to the possibility of competition by the Florida Council proposal to develop a State wide publication. Our advertisers would be subjected to supporting two overlapping newsletters.

Profits would be divided among sections or held by Florida Council. How much benefit would be obtained was questioned in that our present newsletter is probably the best in the State, uncluttered, a handy size, and suitable to our needs. Replacing it with another publication may not be in our best interest. cont.
May 6, 1986 Orlando IEEE Executive Committee Minutes - (continued)

The Florida Council proposal states:
"...When the newsletter is printed, an appropriate number of copies will be sent to the Section with space on the banner will be left blank for each section to imprint its name. We have a printing obligation. The section could also place its own insert inside the newsletter before it is mailed. Each section will therefore have its responsibility for labeling and bearing the cost of postage."

The conclusions drawn is that we really do not have anything, that we would lose any income from advertising, and we would still be required to do the work of layout of inserts, typesetting, printing, laminating and mailing. Other objections to the proposal related to earlier deadlines for section submittals, the size of printed material, much of the other material we glance at front cover and never get past the second page (too large).

Frank Fletch moved that we do not pursue the encouragement of the Florida Council produce a State-wide publication, that the Orlando Section decline to participate. Don Malocha seconded the motion. Motion carried unanimously.

The next FCIEEE meeting will be held June 7 in Ft. Lauderdale. The next common section newsletter will be the first item on the agenda.

12. Expenses for June Officers' Workshop Training session.

It was proposed that we try to get Florida Council to support or send delegates to the Officers' Workshop Training session, which is the second agenda item at Ft. Lauderdale on June 7. Estimated expenses is $528 of five delegates (the four incoming officers and the present chairman). Florida has volunteered to fund 2 delegates. John Gilber moved that we send as many delegates as Florida Council will pay for an that the Chairmen (George Taack) will call the Florida Council Chairmen to get distressed funds to allow attendance to the June session. Don Malocha seconded the motion. Motion passed.

13. PACE - John Gilbert

May 11 through 17 is National Science Week. IEEE is a member of the Triangle for the Coalition for Science and Education and collaborate with the National Science Foundation on Science Week activities which includes a packet for elementary schools. Proposed that we send off for this 'packet' to distribute among our area schools. We could sponsor special science and math competition, arrange for open house events at corporate or government facilities, organize presentations or programs at UCF or secondary schools. Recommendation from the Executive Committee was that we need to start this activity in January to do the job right. Time now is too short.

There is a national PACE conference scheduled for Labor Day weekend, August 29 through September 1 in Phoenix, Arizona. Will the Orlando Section sponsor a delegate to this conference? The conclusion was that our treasury balance is not large enough to support this, even if it supplemented by PACE funds.

Mr. Gilbert would like to find new blood to participate in PACE activities. Approved by the committee was a request for volunteers to
May 6, 1986 Orlando IEEE Executive Committee Minutes - (continued)

appear in the next issue of the newsletter. John will write an article describing the benefits of participating in PACE.

A technical meeting is scheduled for July 8, 1986. Steve Powers, Harris Corporation, will speak on "Antijam and Spread Spectrum Communication." For more information on time and location, contact Dr. Belkerdi at UCF office phone 275-2324.

15. Computer Society - Jorge Medina (absent)
Geoffrey Dick reported for Mr. Medina. The April 3 meeting had very good attendance, 31 people. The next meeting is scheduled for May 15, at Kane Furniture, 2601 Colonial Ave., 7 to 8:30 pm. Subject is "Welcome to the Information Age," by Southern Bell.

No report.

17. Antennas Propagation/Microwave T. T. - G. K. Huddleston
Proposed budget for next year was submitted. AP/MTT has held a meeting consistently every month so for this fiscal year. Mr. Huddleston announced that he is trying to get meetings coordinated with Tampa and Melbourne to attract more national lecturers. Meetings averaged 25 in attendance. A national report was recently prepared.

18. Power Engineering Society/Industry Applications - Mike Maddox
A tour of the Stanton Energy Center is scheduled for May 15. The group will meet at 6 pm at the main power station. Up to 45 people can be handled.

19. UFFC - Don Malocha
On May 8, 1986 a meeting is scheduled at the Naval Underwater Sound Reference Lab.

20. EMC - Brian Vancata (absent)
No report.

21. Student Section - Patty Digarden
Recent elections have been held to replace officers who have graduated. Miss Digarden invited members present to provide names of PR agents at local companies who may desire to conduct tours for students at their facilities.

22. The meeting adjourned at 7:33 pm.

Respectfully submitted by:
Geoffrey C. Dick
Secretary, Orlando Section.
IEEE ORLANDO SECTION
TREASURER'S REPORT
MAY 1, 1986

CHECKING ACCOUNT BALANCE: $2,598.65
APRIL 1, 1986 TREASURER'S REPORT.

DEPOSITS:
4-6-86 D.C. MALOCHA CHECK #369 $72.00
(KRL CHECK FOR 1-27-86 UEFE MEETING)
4-24-86 UEFE/RES CHECK $300.00
(VIA DR. DAVE FLINCHBAUGH)
TOTAL DEPOSITS: $372.00

DISBURSEMENTS:
# 1274 KEITH HUDDLESTON $110.43
3-20-86 AP/MTT MEETING, SPEAKER'S LODGING AND DINNER EXPENSES.
# 1275 GEOFFREY E. DICK $39.00
SECRETARY'S MAILING EXPENSES
PER 4-1-86 STATEMENT.
# 1274 MATTHEW J. KISS, SR. $31.65
12-13-85 AP/MTT MEETING SPEAKER'S DINNER MEETING EXPENSES.
# 1277 F.A. FLUEY 6.60
CONFERENCE COMMITTEE POSTAGE
PER 4-1-86 STATEMENT
# 1278 DONALD C. MALOCHA 6.84
UEFE MARCH MEETING EXPENSES
(22 MAILINGS AT 52c, 50 COPIES AT 4c)
MAY 6, 1986 TREASURER'S REPORT
CONTINUED.

#1279 DAVID E. FLINCHBAUGH
AWARD COMMITTEE FAES EXPENSES,
PER 4-16-86 STATEMENT
146.48

#1280 G.K. HUDLESTON
4-15-86 AP/MTT MEETING,
SPEAKER AND OFFICERS DINNER
132.71

TOTAL ABOVE DISBURSEMENTS #473.71

SUMMARY:
APRIL 1, 1986 CHECKING ACCOUNT BALANCE: 2,596.69
PLUS ABOVE DEPOSITS: 372.00
SUB-TOTAL 2,968.69
LESS ABOVE DISBURSEMENTS: 473.71
CHECKING ACCOUNT BALANCE APRIL 30, 1986 Barnett Bank Statement:
2,494.98

(BALANCE OF STATE OF FLORIDA FUNDS IN ABOVE CHECKING ACCOUNT BALANCE PER
1-1-86 TREASURER'S REPORT IS $1,500.00)

GROSS FUNDS SUMMARY:
CHECKING ACCOUNT BALANCE 2,496.98
DILEYFUS ACCOUNT BALANCE 1,719.07
GROSS FUNDS 4,216.05

RESPECTFULLY SUBMITTED,
Carl F. Schumacher
CARL F. SCHUMACHER
TREASURER.
Addendum to May 6, 1946
Treasurer's Report

Additional Disbursements:

#1281 SIR SPEEDY, 
Printing May Newsletter
$305.00

#1282 Postmaster Bulk Mail Acceptance Unit, DC
$85.00
5166 deposit to acct of permit 3492

Total Additional Disbursements, #1282
$393.00

Summary:
Checking acct balance, 5/4/46 report: $2,496.98
Less additional disbursements: $393.00
Checking acct balance after #1282: $2,103.98
Plus Dreyfus fund balance: $1,719.07
Gross Funds after check #1282: $3,823.05

Respectfully submitted,

Carl F. Schneemann
Treasurer
Conference Committee Report

To: Executive Committee, Orlando Section of IEEE.

From: Frank Frist, Chairman, Conference Committee

Two more responses have been received from our "Conference Invitation" mailing (see attached copies of cover letter):

1. Oceanic Engineering Society (OE-27)

   An essential ingredient to successfully hosting the OES conference is active support from a local (or joint) Chapter of the Society. If our Section would like to pursue the OCEANS Conference for 1992 or 1993, I suggest that a "founding" committee be appointed to establish a joint OES Chapter with Brevard or Canaveral (as of Jan '85, we only have 10 OES Society members on Orlando roster).

   The OES response also included an excellent, comprehensive set of "Guidelines for Conference Proposals". I have two copies and will be glad to loan one to anyone interested.

2. Aerospace and Electronic Systems Society (AES-10)

   The attached letter is not too specific and the stated enclosure was not included, however I will meet with Dave Flinchbaugh and get the missing information and also try to identify a specific target conference.
Mr. Frank Fiuet
Chairman, Orlando Section Conference Committee
1200 W. Colonial Drive
Orlando, FL 32804-7194

Dear Mr. Fiuet:

Thank you for your invitation to the IEEE Oceanic Engineering Society to hold a future conference in Orlando.

The accommodations and facilities, as well as IEEE activities and high-tech industry in the region are very impressive.

The IEEE Oceanic Engineering Society, along with the Marine Technology Society, sponsors an annual conference, the OCEANS Conference. These are generally held on even years in the Washington, DC area and on odd years at various other locations around the country and Canada. Sites are currently booked for OCEANS '87 (Halifax, N.S.) and OCEANS '89 (Seattle), but are open for later years.

We have prepared a set of "Guidelines for Proposals for Hosting 'OCEANS' Conferences." I have enclosed a copy of these for your review and consideration. As indicated therein, one of our concerns is the support of an active oceanic engineering/marine community in the region.

Our joint IEEE/OES - Marine Technology Society OCEANS Committee will be meeting next on May 6, 1986 at the Offshore Technology Conference in Houston, Texas. If you would like to meet with us at that time to discuss the possibility of hosting an OCEANS Conference, please let me know.

Thank you again for your interest. We look forward to hearing from you.

Sincerely,

Stanley G. Chamberlain
Past-President IEEE/OES

The Institute of Electrical and Electronics Engineers, Inc.
Mr. Frank Flet, Chairman
Orlando Section Conference Committee
1200 W. Colonial Drive
Orlando, FL 32804-7794

Dear Mr. Flet:

Your letter to Jack Harris, President of AESS in 1985, was turned over to me. While the AESS co-sponsors approximately a dozen conferences each year, three of them, WMCN (in the Los Angeles area), NACON (in Dayton), and EASCN (in Washington), do not move from those locations.

A number of the other conferences do move to different cities, but the choice of city is made by the governing Board of that conference. I am enclosing a list of the conferences that appear on the back cover of the AESS Magazine. The names given as the point of contacts are usually those used for the current year's meeting, and the individuals you need to get to probably is the Chairman of the Board of Directors of that conference. Typically the conferences have an on-going Board of Directors plus an organization that is responsible for the current year's conference. Also the IEEE Technical Activities Guide (TAG) list the future conferences so that you might want to check that and see what commitments have been made for future years. "A call to Mel Olken's office - he is Manager or Director of Conferences for IEEE, might be able to get you the names of the Board of Directors Chairman for the various conferences listed.

I do have the Board of Directors Chairman for AUTOTESTCON: Milton G. Slade
88 Holcomb Road
Concord, MA 01742

Good luck to you on your solicitation - I attended the NIT Conference in Orlando a number of years ago and enjoyed it very much.

Sincerely,

H. Warren Cooper
President

0762F/0045A/m1

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
COMMUNICATION
AND
VEHICULAR TECHNOLOGY SOCIETY
MEETING NOTICE

DATE: Tuesday, July 8, 1986

PLACE and Time: TBA

TOPIC: Antijam and Spread Spectrum Communications

SPEAKER: Steve Power
Government Systems Division
Harris Corporation
Melbourne, FL

POINT OF CONTACT: For more information contact Dr. Belkardid at 275-2324

ADMISSION: All members, students, and industrial representatives are invited.
COMPUTER SOCIETY MEETING ANNOUNCEMENT

Date: Thursday, 15 May, 1986

Place: Kane Furniture Conference Room
       2601 E. Colonial Drive, Orlando

Time: 7:00 - 8:30 PM

Topic: Welcome To The Information Age

Speaker: TBD, Southern Bell

Point of Contact: For any more information, contact Jorge Medina (834-9600) or Steve Forsythe (244-1166)

Admission: None. All members, students and industrial representatives are invited.

ABSTRACT

Would you like to go on an exciting journey into the Information Age? Then sit back and enjoy this presentation, "Welcome To The Information Age."

This show will tell you all about future communications technology. From home information services to remote meter reading and energy management.

It is a whole new world out there and at Southern Bell they are "Already In Touch With The Future."
FACE NOTES

February 24, 1986

1. National Science Week-May 11-17, 1986
   This is a member of the Triangle Coalition for Science & Technology Education & is
   coordination closely with the NCSE. Science
   Foundation, on science week activities written
   an educational packet for elementary schools.

2. A heart back fair is extended for Labor Day
   and includes Sept 29 - Sept 11, 1986

3. Fee and ask by Dec., 1986

4. It suggests that a SCAE committee be drag
   and request volunteer who would like to
   serve. Committee meet a minimum
   of once a month.
PROPOSED TENTATIVE SCHEDULE
CENTRAL FLORIDA JOINT CHAPTERS
OF
MICROWAVE THEORY & TECHNIQUES AND ANTENNAS AND PROPAGATION SOCIETIES
May 5, 1986

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* Denotes primary responsibility for selecting speaker and making arrangements for speaking at as many of our chapters as possible.

PLANNING SCHEDULE FOR 1986-87 PROGRAM

1 July 1986 Proposed program completed and sent to other chapters Orlando Chapter issue invitation to MTT Atlanta Lecturer. Melbourne Chapter issue invitation to AP Blat Lect.
1 August 1986 All letter invitations to prospective speakers issued.
1 Sept. 1986 Mail program and first meeting notice to membership.
4 Jan. 1987 Mail revised program and January meeting notice to membership.

CONTACTS
Matthew J. Kiss (305) 356-6549
Orlando

Tim Durham (305) 729-5195
Melbourne

Pam Camerer (813) 577-1900 x3701
Tampa

ieplan
## PROPOSED 1986-87 BUDGET
ORLANDO CHAPTER OF NTT/AP
May 5, 1986

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<td>Speakers' Breakfast</td>
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<td>Refreshments</td>
<td>$20 x 9</td>
<td>180.00</td>
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<td>Monthly Meeting Notice</td>
<td>$41 x 9</td>
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<td>$1447.50</td>
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## SOURCES OF FUNDS

- Antennas and Propagation Society  $500.00
- Microwave Theory and Techniques Society  $350.00
- Orlando Section of IEEE  $597.50

**Total:**  $1447.50

G. K. Huddleston
Outgoing Chairman
COMPUTER SOCIETY
MEETING ANNOUNCEMENT

Date: Thursday, 15 May, 1986
Place: Kane Furniture Conference Room
       2601 E. Colonial Drive, Orlando
Time: 7:00 - 8:30 PM
Topic: Welcome To The Information Age
Speaker: TBD, Southern Bell
Point of Contact: For any more information, contact Jorge Medina (854-9660) or Steve Fastie (244-1166)
Admission: None. All members, students and industrial representatives are invited.

ABSTRACT
Would you like to go on an exciting journey into the Information Age? Then sit back and enjoy this presentation, "Welcome To The Information Age."

This show will tell you all about future communications technology, from home information services to remote meter reading and energy management.

It is a whole new world out there and at Southern Bell they are "Already In Touch With The Future."
MEMORANDUM

TO: ALL SECTION OFFICERS AND AWARES COMMITTEE CHAIRMEN

DATE: JUNE 1946

FROM: FIELD SERVICES DEPARTMENT

PLEASE NOTE THAT THE REGIONAL ACTIVITIES BOARD HAS ESTABLISHED A PROGRAM TO AUTOMATICALLY PROVIDE A CERTIFICATE OF APPRECIATION TO SECTION CHAIRMEN OF RECORD AS THEY LEAVE OFFICE. SUCH CERTIFICATES NO LONGER NEED BE ORDERED BY THE SECTION. FIELD SERVICES WILL ISSUE THE CERTIFICATES ON A MONTHLY BASIS. THEY WILL BE MAILED TO THE RECIPIENT SHORTLY AFTER THEIR EXPIRED TERM OF OFFICE HAS BEEN REPORTED TO FIELD SERVICES. FOR FURTHER INFORMATION CONTACT FIELD SERVICES DEPARTMENT, EXTENSION 285, FISCATWAY.
The Central Florida Chapter of the Electronic Connector Study Group invites all IEEE members with an interest in interconnection technology to attend its monthly meetings. Following the technical presentation complimentary refreshments are served. The meeting dates and scheduled programs are as follows:

April 30, 1986  Program: Cannon on Fiber Optics
May 28, 1986  Program: Winchester "Pressfit Connectors, C-Press Technique"
June 25, 1986  Program: DuPont Subject to be announced

Location: RADISSON PLAZA HOTEL, Orlando 69 South Ivanhoe Boulevard

For the start time of the evening program please call Joyce Frasco, Secretary at (305) 788-0845 or Fred Machman at (305) 657-3651
PRESS FIT CONNECTORS
USING "C" PRESS TECHNOLOGY

WINCHESTER ELECTRONICS
EASTERN REGIONAL OFFICE
200 CHELMSFORD STREET - CHILMARK, MASSACHUSETTS 01924
PHONE (800) 334-8771 TWX 710-540-1232

ASKLAND ELECTRONIC COMPONENTS, Inc.
938 N. Crescent Drive • Hollywood, Florida 33021 • (305) 987-1074

Date: Wednesday, May 28, 1986
Time: 7:30 PM
Where: RADISSON PLAZA HOTEL, ORLANDO
60 South Ivanhoe Boulevard
Orlando, Florida 32804

SPONSOR: WINCHESTER ELECTRONICS

SUBJECT: "PRESS FIT CONNECTORS USING "C" PRESS TECHNOLOGY"

SPEAKER: Mr. Tim Wrenin
Product Manager

* Refreshments will be served at the close of the meeting *

NEXT MEETING JUNE 25, 1986 PRESENTED BY DUPONT
"FUTURITE FOR SURFACE MOUNT CONNECTORS"

For additional information, please contact:
Joseph Sandusky, President..........................682-1202
John Cugel, VP/Membership..........................788-0845
Harley Thompkins, Treasurer..........................299-8700
Joyce Franco, Secretary..............................788-0845

PLASE POST
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, June 3, 1986
5:30 PM

at
Downtown Orlando Public Library:
Cypress Room, 3rd. Floor
Community Relations Area
E. Central & Rosalind
Orlando, Florida

The entrance of the Library is on Central.

Respectfully,

Geoffrey E. Dick
Secretary
IEEE Orlando Section
**IEEE ORLANDO SECTION EXECUTIVE COMMITTEE MEETING**

**NOTE:** List your phone/address if:
1. New/first time attendee
2. Change
3. New address preference to send copy of minutes of this meeting

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<th>ADDRESS/M.P.</th>
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<td>556-7752</td>
<td>275-2414</td>
<td>863-569</td>
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<td>Frank Fugit</td>
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<td>Russ Thelen</td>
<td>2W7 Fitzhugh Place, W 32797</td>
<td>356-4320</td>
<td>671-4139</td>
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<tr>
<td>Jorge Medina</td>
<td>2008 Las Palmas 9 32282</td>
<td>834-9600</td>
<td>711-1557</td>
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<tr>
<td>M. Joe Kirk Sc</td>
<td>7403 West Gate Field, WP 32719</td>
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<td>859-8655</td>
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<td>Marty Cigarden</td>
<td>509 Bianca Ct, Alt Spr 32701</td>
<td>834-4340</td>
<td>831-434</td>
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<td>Carl F. Schneck</td>
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<td>Gal Ginerx</td>
<td>282 Short St, Longwood 32752</td>
<td>240-0712</td>
<td>677-0100</td>
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<tr>
<td>Harry Hawkins</td>
<td>282 Short St, Longwood 32752</td>
<td>240-0712</td>
<td>678-8805</td>
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**DATE:** June 3, 1986

**ATTENDEE:** IEE
IEEE ORLANDO SECTION EXECUTIVE COMMITTEE
MINUTES OF MEETING

Date: June 3, 1986

Location: Cypress Room, 3rd. Floor
Downtown Orlando Public Library
East Central & Rosalind Aves.
Orlando, Florida

Attendees: George B. Taack, Jr. Don Malocha
Carl F. Schunemann Tom Nelson
Frank Fletz Ross Theisen
Jorge Medina David Flinchbaugh
Ed Ellis Patty Ogardan
Mike Kaddad Joe Kiss, Sr.
Geoffrey Dick

Invited guests from Bail Gines
TT Publications Grace Hawkins

1. The meeting opened at 5:36 pm by Executive Committee Chairman,
George Taack. A quorum was present.

2. Minutes of the May meeting were approved.

3. Treasurer's Report - Carl F. Schunemann

The June 3 Treasurer's report was distributed at the meeting. George
Taack collected a $294 check from Pete Marwick for ads, and the FCIEEE
rebate, $60 which is $254 more to be deposited. George reported Adams
has been billed for the April ad. Brian Vancata billed Tutorial East
for $396. There are a number of ads which have not been billed yet. A
$50 check to the Langford Hotel to reserve the June Banquet room may
or may not be necessary since we have been there so many times. This
needs checking into. Approximate balance after deposits and checks of
reimbursements at this meeting: $1978.99 ($479.89 above $1500 Student
Chapter fund). A motion to accept the Treasurer's report was approved.

4. Section Notes - George Taack

One bill owed to Heritage Press, $369.65, should be reduced to $399.35
due to credits for overcharges for material that was camera ready;
Credits are defined as $25 per page, or $10 if there are only minor
changes. Going through the past issues for this year the following
were summarized:

<table>
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<tr>
<td>January</td>
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<tr>
<td>February</td>
<td>48</td>
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<tr>
<td>March</td>
<td>48</td>
</tr>
<tr>
<td>April</td>
<td>100</td>
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</tbody>
</table>

Total $288 difference owed: $399.35

Mr. Taack has requested that the Treasurer issue a check for the above
amount representing the difference with a registered letter containing
the itemized list of credits due.
June 3, 1986 Orlando IEEE Executive Committee Minutes - (continued)

5. Programs - Conrad Blankenese (absent)
George Tack speaking for Mr. Blankenese, noted that the Officers' Installation Banquet on for June 21, 1986 at the Langford Hotel, the speaker is Earl Wood, Orange County Tax Collector. The subject will be "There is Humor in Taxes."

6. Conference Committee - Frank Fluet
Mr. Fluet's written report was distributed at the meeting and is attached at the end of the minutes. Summarizing, we are still waiting for responses from our mailings last month and results on the MTT bid for the 1992 Symposium. The decision was due on May 29. No word yet.

George McClure put in a request for a Vehicular Technology Conference in 1989 or 1990. We would be alternating with Chicago for possibly one of the two years. Profits from the conference two years ago in Tampa immensely helped the Tampa Section in the financial area.

Don Maloche reported that the 1991 Ultrasonics Symposium is definitely coming to Orlando.

Ed Ellis reminded that once our Section has received notice of a conference coming to our area, we must:
1. Activate a steering Conference Committee to determine type of participation required and enlist volunteers.
2. Write a letter requesting seed money from Region 3.
3. Send a representative from that sponsoring Society to a conference to get the feel what we exactly have to do.

7. Student Chapter - Patty Digarden
The Student Chapter at the University of Central Florida is in the process of recruiting new members. Ten were signed up last week. A survey among the students was conducted to determine the wishes of the members in the way of tours, speakers, and socials. The student members are receiving the Section Notes in the mail; Patty is reminding students that they are invited to all of the technical meetings and events listed in the bulletin. Membership is 180 officially from the last list received from Headquarters, down from 110 as of April 30, 1986. Each semester 50 to 60 students graduate. Letters are sent to all students entering the EE department urging them to join.

8. Membership Development - Woody Carter (absent)
Frank Fluet, speaking for Mr. Carter reported that membership was up to 1041 on 4/30/86.

9. Southcon - Ed Ellis
A final report on Southcon should appear at Florida Council this month.

10. TT Publications Inc. Presentation - Grace M. Hawkins (guest)
The following invited guests arrived to pitch the opportunity of publishing the Orlando Section Notes: Grace M. Hawkins - President and Bill Bixl - Assistant. Handouts were distributed. (continued)
Summary of pitch by TT Publications: (continued)
June 3, 1986 Orlando IEEE Executive Committee Minutes - (continued)

TT Publications is 3 years old. Examples of current publications were circulated, one of which is *Low Times* a magazine having 36,000 circulation monthly, having an average of 36 pages, of interest to the towing trade business. TT Publications would like to take over the production of our monthly bulletin to inform members of up-and-coming events, containing editorials, and then publish a prestigious quarterly newsletter to make the Orlando Section a noticed central Florida section. The goal is to produce a valued publication which would attract advertisers. A partnership is proposed, that IEEE nominate an editorial board of 5 to 7 members, TT Publications will assign an editor that will contact IEEE board members on a regular basis for inputs. Also requested is a good solid list of advertiser prospects. TT Publications will take over the soliciting and marketing of advertisers. TT Publications will do the mailing. Included is application of labels sent from IEEE Headquarters, or use of a data base to address the publication. An additional mailing list will be maintained for advertisers, prospects, corporate managers, library, and etc. TT Publications will assume the risk or cost of publishing the first few issues and then attempt to make the bulletin self-supporting through advertisers with the goal of making it a revenue-generator. The amount of advertising necessary, vs editorial content is targeted 30/70, however may go higher to generate more revenue. Some trade magazines go as high as 58/32. Much depends on the price of the ads. The estimated time for TT Publishing to make it profitable is 12 months. TT Pub. is willing to carry it 6 to 12 months, however there is an escape clause. Bail out is proposed as cost plus 26%. Estimated cost would be $35 to $40 per page. Advertising would offset the risk amount. Thirty days notice is desired to activate for the August publication. A monthly bulletin will need 7 to 10 days for local meeting notices to be entered (publication deadline). (IEEE NEWSLETTER PROPOSAL - attached)

Don Maloche expressed that the offer by TT Publications will give our Section additional capability. We can bring in more eminent speakers with revenue this proposal may generate. For editorial material we can use the abstract on technical subjects to appear at the local meetings announced, technical and professional seminars, our interaction with the Hi Tech Council, and social meetings. Presently we are limited for space and we are required to subtract each month due to cost of publishing. With proper handling of advertising to offset cost of additional pages, we can again provide more service to our members by re-establishing the insertion of the minutes and the calendar to the Section Notes. The monthly notes are proposed to have no advertising so the quarterly notes would have all the advertising.

11. Motion to establish Publications Committee.
Frank Fluet proposed a motion that the Orlando Section establish a new publications committee having the charter to pursue converting our publications to TT Publications Inc. The committee will identify and work out the problems and work out the details, come up with a format and content proposal, and authority to engage TT Publications in this transaction. Rus Thiesen seconded the motion. A vote was taken and the motion carried unanimously. Volunteers for committee: Frank Fluet, Ed Ellis, John Bilbert, Brian Vancata, George Taack, Don Maloche. Frank Fluet will chair the committee.
June 3, 1986 Orlando IEEE Executive Committee Minutes – (continued)

12. Programs – Conrad Blankenbee
Reservations for the Installation Banquet are being accepted. Call Conrad Blankenbee’s business office number. His answering service will take all messages.

13. Historian – Rus Theisen
A written report was submitted at the meeting. Mr. Theisen attended a meeting in New York and passed the word that Orlando is interested in holding Conferences. The Engineering Management Society is interested in talking to us about a 1988 conference. On June 12 Mr. Theisen will be attending a meeting in Washington on Aerospace Engineering Research and Technology. The Standards Committee will be meeting at Sheraton World on January 26, 27, and 28 of 1987. Mr. Theisen reports that he is again storing IEEE historical records in cardboard boxes. He is still authorized to purchase one more file cabinet to store records per authorization of the Executive Committee 3 years ago. Report attached.

CHAPTERS' REPORTS

14. MTT/AP – Joe Kiss
Joe Kiss will be the new Chapter Chairman for Microwave Theory & Technology and Antenna Propagation for the 1986-1987 year. The next meeting will be in September.

15. UFFC – Don Malocha
Sunder Gopani will be the new Chapter Chairman for UFFC 1986-1987 year. A budget has been submitted for next year.

Geoffrey Dick speaking for Mr. Medina reported only 4 people showed up for the May 15th meeting. It is to be noted that other chapters were also holding meetings the same evening.

17. PES – Mike Haddad
The Stanton Energy Center Tour attracted 40 people.

18. Transition Meeting
A transition meeting will occur mid-July after the Installation Banquet.

19. Adjournment
The meeting adjourned at 7:44pm.

Respectfully submitted,

Geoffrey E. Dick
Secretary, Orlando Section
Date: June 3, 1986

Orlando Section IEEE
Historian's Report
by Russ Thaising

Conferences

1. I informed the IEEE TAB Meetings Committee in New York on May 19, 1986 that the Orlando Section was interested in hosting conferences in the Orlando, Florida area. The response was varied and non decisive but each of the Divisional and Regional Representatives agreed to carry the request back to their respective groups. Tom Grim, Chairman of the TAB Meetings Committee indicated that the Engineering Management Society (EM-14) was interested in finding a location for their 1988 conference. Tom Grim can be reached at (216)-822-3945 for details.

Congressional Testimony

2. I have been able to contribute to the IEEE position papers targeted for the Congressional Record testimony supporting the Congressional Budget Committee hearings. As a member of both the USAB Engineering Research and Technology and the Aerospace Research and Technology Committees, I have been able to promote the IEEE cause through these USAB activities with meetings in May 9, 1986 and June 12, 1986. Any input from the local section would be appreciated.

NCC Board Meetings

3. I will be attending the National Computer Conference Board meeting in Las Vegas the week of June 16 - 19, 1986. I am scheduled to attend the Computer Society Board meeting on June 18 and 19, 1986 and the American Federation of Information Processing Societies (AFIPS) Board meeting on June 14, 1986 and June 20, 1986. This will be followed by a weeks vacation in the west.

Electronic Mail

4. I was able to develop interest in the IEEE Computer Society's (COM/MAIL electronic mail option) for both the TAB Meetings Committee in New York and the USAB Aerospace Research and Technologies Committee in Washington, DC. (See attached questions.)

Storage of Orlando Section Historical Data

5. We now have filled the filing cabinet and are starting to store data in boxes again. House cleaning time is around the corner or another filing cabinet will be required soon.
MEMBERSHIP DEVELOPMENT COMMITTEE REPORT
MAY 1986

Letters of welcome were sent to the 'A' and 'E' categories below. Letters of concern were sent to the 'K' category below.

The total active membership is 1012 as of 3/31/86, back up over the magic 1000 number as more of those in arrears pay up and are reinstated.

A backlog of secretarial work has delayed the production of the 'letters of concern' for the 211 members in arrears as of 2/28/86; during the first 2 months of this delay 71 have already paid up and so do not need the letter (nor the $15 worth of stamps). I have therefore decided to wait at least through the next report from IEEE headquarters (for the month ending 5/31/86 which we call the June report - you should have the printout now) before sending out that large mailing.

The following are derived from the "Membership Statistics for Month Ending 4/30/86" IEEE Headquarters report:

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<tr>
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<tr>
<td>E</td>
<td>Moving Into Section</td>
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<td>H</td>
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<tr>
<td>I</td>
<td>Moving Out Of Section</td>
<td>8</td>
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<tr>
<td>K</td>
<td>Flagged as in Dues Arrears</td>
<td>0</td>
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<tr>
<td>M</td>
<td>Deceased</td>
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</tr>
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W. C. Carter
Membership Development Chairman
Summary of Points

1. IEEE needs a regular vehicle through which to communicate with its members.

2. T.T. Publications is competent to provide that vehicle.

3. It is proposed that communications be self-funding rather than an expense to IEEE.

4. T.T. Publications' interest is in the longterm success of this publication.

5. High standards of quality will be absolute requirements.
Dear Mr. Fleet,

Thank you for your confidence in T.T. Publications. The concept we are developing for the IEEE Orlando Section appears to be a very exciting one, and we are looking forward to beginning. I have studied the outline enclosed in your letter of June 27th and see no major changes. There are a few additional things I recommend, and I will send to your Board by the end of this week.

Our Art Director is working on some designs for both the monthly bulletin and the quarterly, using a masthead which will tie the two together, but still maintain a separate identity. I'll send these to you and call for your reactions.

By the 15th of July, we should have a firm agreement and at least initial design approval, in order to meet a timely mail date for the August monthly. I am looking forward to our co-operative efforts to bring the Orlando Section an excellent communications outlet.

Cordially,

[Signature]

Grace M. Hawkins
President
TO: EXECUTIVE COMMITTEE

The next Executive Committee meeting will be:

Tuesday, August 5, 1986
5:30 PM
at
Downtown Orlando Public Library
Cypress Room, 3rd Floor
Community Relations Area
E. Central & Rosalind
Orlando, Florida

Respectfully,
Geoffrey E. Dick
Secretary,
IEEE Orlando Section
To: Section Secretary and Secretary/Treasurers

We are updating our records for the October 1986 Supplement of the Organization Roster Part III. Current Section, Committee Chairman and Chapter Officer reporting is required.

A special effort is being made to update the Roster, especially those Sections whose officers have completed their term of office. No 1986 Second Half Roster will be released in September until the Section has reported its current Roster of Officers with a termination date.

If you can provide us with updates, corrections or changes by August 15th it would be very much appreciated.

All changes or updates arriving prior to August 15th will be recorded in both the October 1986 Supplement and the data base. All changes or updates arriving after August 15th will be recorded on the data base and the March 1987 Organization Roster Part III. Please include member number whenever possible.

Cordially,

[Signature]

Gloria Gutwein
Supervisor
Field Services

cc: Section Chairman
Regional Director
OFFICER CONFIRMATION  
1986/1987

In an effort to maintain the most UP-TO-DATE OFFICER RECORDS, please complete this form below and return it to Field Services with your completed Meeting Report.

SECTION: ORLANDO, FLORIDA  GEOCODE: 503-05-51  
PREPARED BY: GEOFFREY DICK  DATE: JULY 11, 1986  
(Please Type or Print)  TERM ENDS: JULY 1987  
(month)  (year)

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<td>CHAIRMAN</td>
<td>DONALD C. MALOCHA</td>
<td>5940077</td>
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<td>VICE CHAIRMAN</td>
<td>GEOFFREY E. DICK</td>
<td>565742</td>
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CHAPTER CHAIRMEN: (Attach Additional Page if Necessary.)

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TO: IEEE SECRETARY  ON JUNE 7, 1986

SECTION: ORLANDO, FL.  GEOCODE: 503-05-51

PREPARED BY: GEOFFREY E. DICK  DATE: 6-4-1986

SECRETARY UNTIL JULY, 1986

NEW ORLANDO SECTION OFFICERS  JULY 1986 TO JULY 1988

SECTION OFFICE NAME AND ADDRESS  IEEE MEMBERSHIP #

CHAIRMAN: DR. DONALD C. MALOCHA  594 00 77
409 BAY TREE LANE
LONGWOOD, FL  32779
OFFICE PHONE: (305) 275-2414
HOME PHONE: (305) 862-5643

VICE CHAIRMAN: MR. GEOFFREY E. DICK  556 57 42
1014 CAMELLA DRIVE
WINTER PARK, FL  32792
OFFICE PHONE: (305) 356-7752
HOME PHONE: (305) 678-0777

SECRETARY: MR. THOMAS J. NELSON  6187 02 5
AUTOMATION INTELLIGENCE TAC.
1200 W. COLONIAL DRIVE
ORLANDO, FL  32804
OFFICE PHONE: (305) 843-7030
HOME PHONE: (305) 365-6837
HOME ADDRESS: 115 DUNCAN DRIVE
WINTER SPRINGS, FL  32708

TREASURER: DR. MADJID BELKERDI  4462 69 3
UNIVERSITY OF CENTRAL FLORIDA
EECS DEPT.
ORLANDO, FL  32816
OFFICE PHONE: (305) 275-276
HOME PHONE: (305) 697-4809
Grace M. Hawkins, President
T. T. Publications, Inc.
282 Short Street
Longwood, FL 32750
(305) 260-0712

Dear Ms. Hawkins:

For the entire executive Committee of the IEEE Orlando Section, I want to thank you for the fine presentation you made at our June 3rd meeting. Your proposed alternatives to publishing our Section Newsletter were very much appreciated. This committee believes that working with T. T. Publications could convert our monthly financial burden into at least a self-supporting publication. This letter is to confirm our intent to pursue the proposed working relationship between the Section and T. T. Publications as restated in the following, with additions and changes from T. T. Publications original proposal.

It is hoped that we can reach a mutual agreement of responsibilities in time to produce an “introductory”, “transitional” issue of the SECTION NOTES in August as a precursor to a totally new format.

Please feel free to contact me or any member of the “Publication Review Committee” to discuss this proposal. We are looking forward to working with you.

Sincerely,

Frank Fluet, Chairman (305) 949-1131
Publication Review Committee

Don Malocha (305) 275-2414
George Teack (305) 321-0319
Norm Lawton (305) 366-2713
Brian Vancata (305) 857-6226
John Gilbert (305) 365-2363
Ed Ellis (305) 834-3319
I. PUBLICATIONS

Two formats will be published - a Monthly and a Quarterly.

A. Monthly:

1. Eleven (11) issues published annually to be delivered each month except July.

2. Minimum contents:
   a. Statement of publication
   b. Names and telephone numbers of 5 members of Section Executive Board
   c. "Chairman's Corner" column
   d. Meeting and activity notices
   e. Summary of d. in a calendar format
   f. Ads we are presently committed to publishing monthly.

B. Quarterly:

1. Four (4) issues published annually to be delivered during October, January, April, and July.

2. Each issue should contain:
   a. Statement of publication
   b. Complete roster of Section & Chapter officers and their phone numbers
   c. "Welcome to New Members" column
   d. "Professional Activities (PACE)" column
   e. "Awards" column
   f. Obituaries
   g. "Situations Wanted" ads (gratis to local unemployed members)

3. In addition possible general interest columns may appear:
   a. Company profiles
   b. Local conference reports
   c. University activities and course offerings

4. Advertisements
   a. Product
   b. Business cards
   c. Help wanted
   d. Classified ads (at very low rates for members)
II. T. T. Publications will provide the following:

A. Design:

The Monthly publication will be redesigned and the Quarterly publication will be a new design. Both designs are subject to Section Executive Board approval. The designs will belong to the Section.

B. Advertising:

T. T. Publications will solicit advertisers. Section Executive Board has the option to approve all ads.

C. Editorial Board:

T. T. Publications will set up an Editorial Board (initially from the Section Executive Committee) and contact it for editorial material. T. T. Publications will write the stories or get reprint permission from sources. The Section will maintain full editorial control.

D. Printing:

T. T. Publications will handle all artwork requests from advertisers and all production details including printing, labeling, sorting, delivery to Post Office, etc.

E. Report:

T. T. Publications will provide a report to the Section Executive Board promptly after each issue, itemizing publication costs, mailing costs, advertising revenue, profits and losses.
III. The Orlando Section will provide the following:

A. Mail List:

The Section will provide a Mail List for each publication on approximately the 22nd of the month before issue. Self-sticking or Cheshire labels will be provided. T. T. Publications will maintain an additional mail list of approximately 50 names which the Section will update periodically.

B. Post Office Permit:

The Section will provide its non-profit mail permit number and it will maintain sufficient balance in the account to cover Post Office charges.

C. Advertiser List:

The Section will compile a list of present and potential advertisers for use by T. T. Publications in soliciting ads.

D. Editorial Copy:

The Editorial Board and other officers will provide raw copy for articles and columns. In some cases, e.g., Chapter meeting announcements, the information may be given to T. T. Publications orally.

IV. RESTRICTIONS

A. The IEEE Mail List is to only be used for mailing the Section publications.

B. No political advertising is allowed.
V FEES

For the first twelve months, T. T. Publications will not bill the Section for its services and after T. T. Publications recovers its original cost plus 100% on an ongoing basis during this period, profits will be shared with the Section on a 50-50 basis.

After this initial period, where T. T. Publications has recovered its startup and design costs, and a reasonable profit, and both parties agree that costs and benefits have stabilized and are clear to both, the deal will be renegotiated to increase the share going to the Section.

VI TERMINATION

This agreement can be terminated by the Section anytime, for any reason after giving T. T. Publications 30 days notice. If the Section terminates the agreement before T. T. Publications has recouped its initial costs and T. T. Publications can show a loss, T. T. Publications will be entitled to a fee consisting of their costs less revenues plus 20% where the total liability to the Section, in any case, is not to exceed $250 per month, for each month that a publication issued.

If T. T. Publications terminates the agreement, it must give the Section 30 days notice and if it can show a loss, T. T. Publications will be entitled to a fee consisting of their costs less revenues not to exceed $100 per month, for each month that a publication issued.

In the event of termination by either party, all work in progress and details of all advertising agreements will be promptly turned over to the Section.
<table>
<thead>
<tr>
<th>1. EXPENSES</th>
<th>9/29/86 PRELIM($)</th>
<th>REvised($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Publications (Section Notes) ...</td>
<td>$ 4,300</td>
<td></td>
</tr>
<tr>
<td>2. Officer Expenses:</td>
<td></td>
<td></td>
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<tr>
<td>Chairman</td>
<td>150</td>
<td></td>
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<tr>
<td>Secretary</td>
<td>225</td>
<td></td>
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<tr>
<td>3. Chapters:</td>
<td></td>
<td></td>
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<tr>
<td>Chapter's Chairman's Rep</td>
<td>-8</td>
<td></td>
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<tr>
<td>ABS</td>
<td>250</td>
<td></td>
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<tr>
<td>AP/MTT</td>
<td>1,448</td>
<td></td>
</tr>
<tr>
<td>COMM</td>
<td>240</td>
<td></td>
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<tr>
<td>COMP</td>
<td>370</td>
<td></td>
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<tr>
<td>BD</td>
<td>-0</td>
<td></td>
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<tr>
<td>PB/IA</td>
<td>100</td>
<td></td>
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<tr>
<td>UFFCS</td>
<td>515</td>
<td></td>
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<tr>
<td>EMC</td>
<td>100</td>
<td></td>
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<tr>
<td>4. Public Relations Comm</td>
<td>-0</td>
<td></td>
</tr>
<tr>
<td>5. Awards Comm</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>6. PAC</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>7. a. Student Activities Comm</td>
<td>-0</td>
<td></td>
</tr>
<tr>
<td>b. Student Project</td>
<td>-0</td>
<td></td>
</tr>
<tr>
<td>8. Education Comm</td>
<td>-0</td>
<td></td>
</tr>
<tr>
<td>9. Membership Development Comm</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td>10. Program Comm</td>
<td>2,250</td>
<td></td>
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<tr>
<td>11. Historian</td>
<td>-0</td>
<td></td>
</tr>
<tr>
<td>12. Conference Committee</td>
<td>50</td>
<td></td>
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<tr>
<td>13. Special Projects:</td>
<td></td>
<td></td>
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<tr>
<td>New Chapter Development</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>Information Service</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>14. Misc</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td><strong>$11,374</strong></td>
<td></td>
</tr>
</tbody>
</table>
II. INCOME

1. IEEE rebate from HQ ................ $ 3,800  
2. Advertising in Section Notes .......... -0-  
3. Interest on Deposits .................. 50  
4. Conferences .......................... -0-  
5. PACE rebate (est.) .................... -0-  
6. Chapter Rebates:  
   ADS .................................. 250  
   AP .................................. 500  
   MTT .................................. 350  
   UTPCS ................................ 250  
   UTPCS industrial support .............. 200  
7. FCIIEEE .............................. 25  

   TOTAL INCOME ........................ $ 5,425

III. EXCESS (DEFICIT):  
   OF INCOME OVER EXPENSES .......... ($ 5,949)

Note: Deficit reduces to $1,195 if there is no charge back to the Section by TF Pubs
PRELIMINARY BUDGET
IRENE Orlando Section (7/1/86 - 6/30/87)

PUBLICATIONS

a. Printing (11 months @ $250) * ... $ 2,750
b. Labeling & Mailing Expenses (11 issues @ $55) ... -0-
c. Postage (15 issues @ $100) ... 1,500
d. Permit ... 50

TOTAL ... $ 4,300

* Maximum liability
Mr. M. J. Sosa
Manager, Finances
IEEE Service Center
445_Hoosier Lane
Piscataway, NJ 08854-4150

Dear Mr. Sosa:

Enclosed is the Orlando Section’s Annual Financial Report for 1985 including the IEEE Student Branch Report from the University of Central Florida.

I must apologize on behalf of the Section for the lateness of the report. According to our records this should be the last item required to be submitted before our rebate can be released. If this is not correct, please let me know what else is required.

Sincerely,

Original Signed by
GEORGE B. TAACK, Jr.
George B. Taack, Jr.
Chairman,
Orlando Section
Enclosures
ANNUAL GEOGRAPHIC UNIT FINANCIAL REPORT

To be completed and returned by
February 1, 1986

RETURN TO: M. J. Smie
Manager, Finances
IEEE Service Center
445 Hoes Lane
Piscataway, New Jersey 08854-1150
(201) 981-0600 Ext. 140
Telex 883-233

NOTES:

1. This report will be acknowledged when received by the IEEE Finance Department. Please address the enclosed acknowledgment postcard for this purpose.

2. The Field Services Department will be advised that your report has been received to allow rebates to be released to your unit.
<table>
<thead>
<tr>
<th>Item</th>
<th>Receipts</th>
<th>Disbursements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>1025.00</td>
<td>2939.13</td>
</tr>
<tr>
<td>B.</td>
<td>3776.57</td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td>10974.06</td>
<td></td>
</tr>
</tbody>
</table>

**INCOME AND EXPENSES**

**A. Programs and Activities**

1. Meetings and Social Events
   - A) Publications
     - 1025.00
       - Advertising
       - 2939.13
   - B) Conference (attached Conference Statement)
     - 1025.00
   - Other
     - 2939.13

**B. Other Income**

1. Bills from Headquarters (Cost amount)
   - 3776.57
2. Interest
   - 778.79
3. Dividends
4. Gift/Loss on sale of investments
5. Other (miscellaneous)
   - 10974.06

**C. Other Expenses**

1. Office Expense
2. Other (miscellaneous)
   - 10974.06

**TOTAL**

<table>
<thead>
<tr>
<th>Receipts</th>
<th>Disbursements</th>
</tr>
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</table>

**OTHER RECEIPTS AND DISBURSEMENTS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Receipts</th>
<th>Disbursements</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.</td>
<td>Purchase of结束后 and assign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.</td>
<td>Purchase/Depot reports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G.</td>
<td>Issuance of securities or reseal by others</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H.</td>
<td>Losses and advances made or repaid to others</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I.</td>
<td>Grand total Receipts and Disbursements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J.</td>
<td>Cash on hand January 1, 19X</td>
<td></td>
<td></td>
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<tr>
<td>K.</td>
<td>and Grand Total Receipts</td>
<td></td>
<td></td>
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<tr>
<td>L.</td>
<td>Depot grand total Disbursements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td>Cash on hand December 31, 19X**</td>
<td></td>
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</tbody>
</table>

**Notes:**

1. Student Receipts is restricted monies from the State of Florida for UCF student support.
2. Includes $150,000 of restricted monies (see note 1).
### ACCOUNTS RECEIVABLE AND PAYABLE

**Unit Name:** Orlando

**Date:** December 31, 1945

#### A. ACCOUNTS RECEIVABLE

Enter the total amount if any owed to your unit from sources other than another JAG unit. DO NOT INCLUDE ANY AMOUNT DUE FROM ANOTHER SERVICE, SERVICE, OR FROM A FOREIGN HEADQUARTER.

<table>
<thead>
<tr>
<th>Source 1</th>
<th>Source 2</th>
<th>Source 3</th>
<th>Total</th>
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<tbody>
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#### B. ACCOUNTS PAYABLE

Enter the total amount if any, of unpaid bills, including salaries and wages due but not paid at year end. DO NOT INCLUDE ANY AMOUNT DUE TO ANOTHER SERVICE, SERVICE, OR FROM A FOREIGN HEADQUARTER.

<table>
<thead>
<tr>
<th>Source 1</th>
<th>Source 2</th>
<th>Source 3</th>
<th>Total</th>
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Schedule I

B.5 Society Rebates

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>MTT</td>
<td>350.00</td>
<td></td>
</tr>
<tr>
<td>AP</td>
<td>500.00</td>
<td></td>
</tr>
<tr>
<td>UFFCS</td>
<td>250.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>* 1100.00</td>
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</table>

<p>| | |</p>
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<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>FCIEEE Rebate</td>
<td>100.00</td>
</tr>
<tr>
<td>Awards Reimbursement</td>
<td>25.00</td>
</tr>
<tr>
<td></td>
<td>125.00</td>
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</tbody>
</table>

Industry support of UFFCS Society

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td></td>
<td>200.00</td>
</tr>
<tr>
<td></td>
<td>* 1425.00</td>
</tr>
</tbody>
</table>
Schedule II

H. Furniture & Equipment
File Cabinets (Historian)
Purchased 1984 $82.82

Depreciate over 5 years
Current Value $66.26
UNIVERSITY OF CENTRAL FLORIDA
P.O. Box 35006

Orlando, Florida 32816

IEEE STUDENT BRANCH CHAPTER
ANNUAL REPORT OF ACTIVITIES
1986 ACADEMIC YEAR

DATE:
May 1st

SCHOOL NAME: UNIVERSITY OF CENTRAL FLORIDA

ADDRESS: P.O. Box 35006

Indicate Society: 13091

City: Orlando

State/Country: Florida

ZIP: 32816

BRANCH CHAPERS ORGANIZATION:

Current Year:
From Dec '85 to May '86

Branch Chairman/Chairperson:
Enrico Jacobi

Other Officers:
Dr. Robert Walker

Faculty Advisor:
Dr. Michael Harris

Secretary:
James Walker

Treasurer:
Dr. Michael Harris

School Officials:

Dr. Robert Walker

Student Branch Counselor:

Dr. Michael Harris

Confirmed:

May 1, 1986

DEPARTMENT:

From May '86 to May '87

Patricia Gigante

Jorge Cadiz

Jill Gray

Laurence O' Mal

Dr. Michael Harris

This report shall be attached to your Student Branch's Annual Report to be submitted to IEEE Student Services and to your region and Section. Student Activities Committee Chairman no later than May 1st. Additional copies of the report shall be:

1) Sent to your Society Representative.

Date Mailed: May 1, 1986

2) Maintained in Branch/Chapter files as a permanent record.

Date Mailed: May 1, 1986

PREPARED:

Enrico Jacobi

In the capacity of Chairperson

Date: May 1, 1986

Received and Approved by:

Enrico Jacobi

Student Branch Chairman

Date: 3/4/1986

Student Branch Counselor

Date: May 1, 1986
BRANCH ACTIVITIES

Describe below activities sponsored by your Student Branch Chapter that have not been recorded in your Student Branch Annual Report. Include such activities as technical meetings, social tours, panel discussions or speakers, or even social meetings and fund-raising events. The information you provide will enable both Headquarters staff and your Parent Society to gain valuable insight into your Student Branch Chapter and its progress. Also, we will use the information for possible inclusion in SEE publications. This record of your activities will also be of use to succeeding officers in organizing their programs. (Use additional sheets if necessary.)

MEETINGS (Technical and Social)
Fairchild Corp. Symposium

(Social meetings are listed below)

Meeting at United Telephone of Florida with speakers (topic: phone company)

Engineering Fair planning committee meetings (3)

General Purpose meetings (3)

PROJECT

Engineering Fair

Satellite Receiver Exhibit


SPEAKERS FOR TOUR (Indicate names and addresses of those you recommend to others.)

Tour of United Telephone Company of Florida

Speaker: Dr. Lai of Martin Marietta spoke on Image Processing

Speaker: Dr. Hal Schrank spoke in antennas

OTHER ACTIVITIES

Social activities: Hot Dog roast, two wine & cheese parties for 50 faculty and 100 student members, Picnic at Lake Claire.

SUPPORT: Provide total number of regular meetings, tours, social functions, etc. sponsored. Do not include headquarters-sponsored seminars or talks, or business and planning meetings.

Total 15

Average number of Student participants 30

Total Branch Chapter Membership 105

(Rev. 12/31/87 by Printou)
STUDENT BRANCH CHAPTER ASSESSMENT:

Future Plans:

- The new executive committee would like to have more speakers come to meetings, arrange several hours of local companies, have a student project this year, and provide some social get-togethers as well.

Problem Areas:

- Because two of our officers elected in May '83 graduated before their term of office expired, we had to replace them with new officers who had to relearn how to run the club. As a result, a lot of time was wasted getting reorganized.

Recommendations:

- Suggestions for IEEE Headquarters --
  - We would like more information on contests IEEE sponsors, how to receive funds and relates from headquarters, scholarships available through IEEE, and other information that we can pass on to our members.

- Suggestions for the Sponsoring Society Student Activities Committee --
  - None.

Additional Services Required from Headquarters --

- Please update your records of our officers. We are still getting mail addressed to someone who was the President two years ago. Also, mail that is supposed to go to our faculty advisor is addressed to other people in the department.

Additional Services Required from the Sponsoring Society --

- None. They have been very helpful.

Additional Services Required from the Local Region/Section/Chapter --

- None.
FINANCIAL STATEMENT

Your local Student Branch annually submits a financial statement. If your funds are held jointly with your Branch, have your Branch file an account for your financial status this year. Indicate this fact and you must complete this section of the report:

Yes, this Student Branch Chapter's funds have been included in our Student Branch's statement.

No, our financial statement has not been reported and a full accounting follows.

TOTAL FUNDS ON HAND -- JANUARY 1, 1966

$582.1

Funds received during 1965-66:

- Headquarters Reimbursements: $-0-
- Parent Society Subsidy (if any): $-0-
- All other receipts (itemize below): $300.00
- Total receipts: $300.00

Funds disbursed during 1965-66:

- Meeting Expenses: $150.00
- Publication Expenses: $-0-
- All other disbursements (itemize below): $933.75
- Total disbursements: $933.75

Excess (or deficit) funds received over prior disbursed: $104.25

Total cash and other assets -- December 31, 1965

$876.84

* Itemize all receipts (use additional sheets if necessary)

- Mt. Society donation: $500.00
- [Additional itemizations]

Total: $500.00

** Itemize all disbursements

- Stamps: $36.00
- Satellite receiver parts: $194.75
- Refreshments: $75.00
- [Additional itemizations]

Total: $395.75

We have examined this statement and to the best of our knowledge believe it is true, correct and complete.

[Signatures]

Student Branch Chairman: [Date]
Student Branch Counselor: [Date]
Ms. Gloria Gutwein
IEEE Service Center
145 Hoes Lane
Piscataway, NJ 08854-4150

Dear Ms. Gutwein:

In a letter dated May 27, 1986, I ordered a number of "Certificate of Appreciation" and enclosed an order for a Past Section Chairman pin and a wooden plaque. It was requested that all the items be delivered by June 16th due to having to have some engraving done before a banquet on June 21st. When the plaque had not arrived by the Wednesday before the banquet, I called the Service Center and had another plaque shipped by Express Mail. That plaque arrived on the day of the banquet. It was at that point that I discovered the plaque was not the type we have been using. One reason for not using it was the lack of enough space to have the information engraved on it. On Monday after the banquet, the original plaque shipment arrived by UPS.

Attached to this letter are the two plaques. I am returning them for credit since they were not used. The postage used to send them to me should continue to be deducted from our rebate.

After receiving all the shipments, I am still missing the Past Section Chairman pin that was ordered.

Thank you for your assistance.

Sincerely,

Original Signed by
GEORGE B. TAACK, Jr.
George B. Taack, Jr.
Chairman,
Orlando Section
Ms. Gloria Gutwein  
IEEE Service Center  
445 Hoos Lane  
Piscataway, NJ 08854-4150

June 24, 1986

Dear Ms. Gutwein:

I received your memo, dated April 25, 1985, concerning the review of the Orlando Section bylaws. When I started reading the comments and the copy of the bylaws you enclosed, they seemed a little funny. It was at that point that I realized that when we updated the section's bylaws last year we failed to send a copy of the new bylaws to headquarters.

Enclosed is a current copy of Orlando's bylaws. I am also sending a copy to the Region III chairman for his records under a separate cover.

Please accept our apologies for not including you in the loop; but after three years of trying to get the bylaws updated, I guess we just quit with relief when they were accepted by the section.

Sincerely,

Original Signed by

GEORGE B. TAACK, JR.

George B. Taack, Jr.
Chairman, Orlando Section

Enclosure
Mr. George F. Abbott  
Region III Chairman  
8712 Westlake Court  
Raleigh, NC 27612

Dear Mr. Abbott:

Enclosed is the Orlando Section’s Annual Financial Report for 1985 including the IEEE Student Branch Report from the University of Central Florida. I must apologize on behalf of the Section for the lateness of the report. I believe this was what you requested from the sections. I have not found the letter that was sent to the section chairmen so if something is still missing please let me know.

Also enclosed is a current copy of Orlando’s bylaws. When I received a request from Ms. Gutwein of HQ to review the bylaws they had on file, I realized that when the section’s bylaws were updated last year we failed to send a copy of the new bylaws to Region and headquarters. Please accept our apologies for not including you in the loop; but after three years of trying to get the bylaws updated, I guess we just quit with relief when they were accepted by the section.

Sincerely,

Original Signed by
GEORGE B. TAACK, JR.
George B. Taack, Jr.
Chairman,  
Orlando Section

Enclosures
AUDIOVISUALS...  
IEEE-PRODUCED PRESENTATIONS

The programs listed below are available on a free loan basis. Please direct requests to the persons listed. (IEEE office addresses are listed on the reverse side.)

- "THE MIRACLE FORCE"  
(16 mm film, 27 mins.)  
Illustrates contributions of electrical and electronics engineering to the welfare of mankind through discussions with IEEE members working in the fields of power, computers, communications, aerospace, and biomedical engineering.  
Contact: Modern Talking Picture Service  
(813) 541-7751 (5000 Park St.,  
St. Petersburg, FL 33709)

- "GENERATIONS OF GIANTS"  
(16 mm film, 19 mins.)  
Dramatizes the major characters and events leading to the foundation of electro-technology. (A filming of live actors.)  
Contact: Barbara Levy  
(212) 705-7369 (NY office)

- "A CENTURY OF ELECTRICALS"  
(140 35 mm slides & audiotaape; 33 mins.)  
Traces the history of the electrical/electronics professions, highlighting major technological developments.  
Contact: Sheryl Sorensen  
(201) 981-0060 Ext. 285 (NJ office)

- "ENERGY IN PERSPECTIVE"  
(80 35 mm slides & audiotaape; 25 mins.)  
Examines the causes of the U.S. energy problem, as well as its possible solutions.  
Contact: Jennifer Shimock  
(202) 785-0017 (Wash. office)

- "EDUCATION, THE KEY TO AMERICA'S FUTURE"  
(150 35 mm slides & audiotaape, or  
VHS videotape; 21 mins.)  
Depicts the problems existing in math and science education in U.S. elementary and secondary schools, and cites possible solutions.  
Contact: Ann Hartfield  
(202) 785-0017 (Wash. office)

- "THE SECOND CENTURY BEGINS"  
(Beta or VHS videotape; 120 mins.)  
Documents the IEEE Centennial Technical Convocation, and features presentations by some of today's leading engineers and scientists.  
Contact: Sheryl Sorensen  
(201) 981-0060 Ext. 285 (NJ office)

- "IEEE CENTENNIAL REPORT"  
(VHS videotape; 13 mins.)  
Summarizes the activities conducted to commemorate IEEE's Centennial.  
Contact: Your Regional Director or  
Marsha Tickman  
(201) 981-0060 Ext. 2296 (NJ office)

- "DIRECTORS SLIDES"  
(25 35 mm slides)  
Provides an overview of the IEEE.  
Contact: Mark Lucas  
(201) 981-0060 Ext. 287 (NJ office)

- "USAB: AN OVERVIEW"  
(40 35 mm slides & audiotaape)  
Discusses the history of the IEEE United States Activities Board.  
Contact: Sally Gustafson  
(202) 785-0017 (Wash. office)

- "SATELLITE PROGRAM VIDEOTAPE"  
(Videotaped versions of past live "Seminars Via Satellite." Rental Fee Required.  
Contact: Carolyn Yanoski  
(201) 981-0060 (NJ office)

SPEAKERS...  
SOCIETY DISTINGUISHED LECTURERS

The Societies listed below sponsor Distinguished Lecturer Programs. For specific information, contact the persons listed. (Addresses can be obtained from the NJ office.)

- ACoustics, SPEECH AND SIGNAL PROCESSING  
Contact: Charles Rader  
(617) 563-5300 Ext. 2574

- ANTENNAS AND PROPAGATION  
Contact: David Chang (303) 492-5487

- CIRCUITS AND SYSTEMS  
Contact: James Mulligan  
(714) 544-5256 or (714) 856-6486

- COMPUTER  
Contact: Willis King (713) 749-4791

- CONTROL SYSTEMS  
Contact: Craig Sinis (504) 293-6375

- ELECTRON DEVICES  
Contact: Marvin White (215) 661-3950

- LASERS AND ELECTRO-OPTICS  
Contact: Ron Waynart (202) 767-2813

- MAGNETICS  
Contact: Jack Judy (612) 373-5031

- MICROWAVE THEORY & TECHNIQUES  
Contact: Martin Schnieder (201) 949-2503

- ULTRASONICS, FERROELECTRICS AND FREQUENCY CONTROL  
Contact: William Turski (203) 727-7403

- VEHICULAR TECHNOLOGY  
Contact: Gaspar Messina (202) 653-5560
OTHER SOURCES...
SPEAKERS AND AUDIOVISUALS

- HIGH TECHNOLOGY COMPANIES—especially larger companies. Contact their Public Relations departments.

- FEDERAL GOVERNMENT DEPARTMENTS, OFFICES AND AGENCIES

- UNIVERSITIES AND COMMUNITY COLLEGES—especially larger institutions with electrical engineering departments.

- INDUSTRY ASSOCIATIONS—e.g., The Electrical Industries Association.

- PROFESSIONAL ASSOCIATIONS—e.g., The Optical Society of America.

- LIBRARIES—especially large city or county libraries.

- AUDIOVISUAL DISTRIBUTORS—consult your local telephone directory.

FOR ADDITIONAL INFORMATION...

IEEE HEADQUARTERS
345 East 47th Street
New York, New York 10017 USA
(212) 705-7900
Telex: 238-411

IEEE SERVICE CENTER
445 Hoes Lane
Piscataway, New Jersey 08854 USA
(201) 981-0060
Telex: 833-233

IEEE WASHINGTON OFFICE
1111 19th Street, N.W.
Washington, D.C. 20036 USA
(202) 789-0101

IEEE COMPUTER SOCIETY
Headquarters Office
1730 Massachusetts Avenue, N.W.
Washington, D.C. 20036-6803 USA
(202) 371-0101
Telex: 710255-0437 IEEE COMPSC

Inquiries and suggestions regarding this GUIDE should be directed to
THE REGIONAL ACTIVITIES BOARD
c/o Field Services Department
IEEE Service Center
T.T. Publications will solicit advertising, set up an Editorial Board and contact it for editorial material, write the stories or get reprint permission from sources. T.T. will handle artwork requests from advertisers, and all production details including printing contracts. T.T. will provide the Treasurer with an accounting after each edition, showing the profit or loss to date. Full editorial control will be in the hands of T.T., and care will be taken to produce a publication completely in keeping with the Institute’s values, goals and international standing.

T.T.’s charges will be: after cost plus 100% is recovered on an ongoing basis, profits will be shared 50-50 with INSE.

This means INSE will go from paying out X dollars a month for its "Notes" to paying nothing, and then to receiving a share of eventual profits. It is proposed that after T.T. has shared profits for a twelve month period and both parties agree that the costs and benefits have stabilized and are close to both, the deal will be renegotiated to increase the share going to INSE, T.T. having recouped its original investment and design expenses. In the meantime, INSE will not be billed by T.T. Publications.

Time Schedule

This agreement can go into effect at the end of any 30 day period with proper approval of the INSE Board. It is recommended that the membership receive an edition of the current "Notes" announcing the changes and soliciting advertising sources, explaining that increasing advertising revenues will return money directly to INSE. A key element to the success of this venture is close cooperation initially with members to gain a good database of potential advertisers. It can be terminated at any time by INSE with the proviso that if the agreement is terminated before T.T. has been able to recoup its initial design costs and T.T. can show a loss, INSE will pay T.T. a reasonable fee for its services to be agreed upon by both parties (for example, a formula of cost plus 20% may be set).

Restatement of Basic Premise

The purpose of the agreement is to provide, at no cost whatsoever to INSE, a high quality publication for its membership, and, as the publication grows, to return to the Treasury funds for its use as it sees fit. Under current conditions, INSE has neither the Staff nor the time to achieve this goal, and T.T. has both.

Respectfully submitted, June 3rd, 1986
Grace M. Hawkins, President
T.T. Publications, Inc.
282 Short Street
Longwood, Florida 32750
(305) 269-0712
IEEE NEWSLETTER PROPOSAL

This proposal rests on three premises: 1) **IEEE** feels its members deserve an excellent newsletter as part of their membership, 2) funds to produce this newsletter are low and an ongoing drain on the treasury, and 3) it is possible to achieve the first goal in the first premise without the second resulting.

The Current State of Affairs

Currently, **IEEE** depends on a volunteer Staff to produce its "Notes" 11 times a year. These "Notes" consist mainly of meeting notices and list the Board Members along with current events. The cost of each edition is not less than $245 and often more, roughly 50% of which is the cost of postage.

The membership is proud of its "Notes", which are the best publication of its kind in Florida, and a great deal of the Board's time is spent on them as an important link to the membership.

Alternative Approaches to Newsletters

A non-profit association can self-fund its communications by using the most efficient agent to produce those communications and either: 1) budgeting sufficient funds to pay that agent fairly or 2) charging for advertising space at a rate which will compensate the agent and bring funds into the association's treasury.

T.T. Publications recommends the latter solution. There are many uses for **IEEE's** money (such as scholarships, speakers' expenses, educational seminars, etc.) to which funds now used for the "Notes" can be committed.

Can the current "Notes" be made profitable or at least self-supporting in its current popular format? No. Advertisers other than a handful of altruistic ones demand value for their money in today's advertising world. They demand a high quality format to display their products or services; their artwork as designed needs quality printing; they demand a certain minimum circulation and proof of circulation. They also demand that their advertising accompany compelling and important editorial material. "Pass-along" readership is a saleable item. If their demands can be satisfied, they will pay very high rates to reach their target audience, and they will receive fair value for their advertising dollar.

Can an Association Produce Its Own Newsletter?

With a full-time Executive and two or three person support staff, certainly. With volunteer labor, no, except as a budgeted expense. No one can effectively sell advertising, and layout and editorial depends on people busy with their own professional and family concerns.

What Is T.T. Publications' Offer?

To redesign the "Notes" completely in order to make it the quality publication **IEEE** deserves and at the same time attractive to potential advertisers. To change its frequency to quarterly while maintaining a short monthly flyer for the purposes of meeting notices and urgent business. (A monthly newsletter is really necessary only for associations involved in fast-moving commercial or political fields. **IEEE** may grow into this need, but it doesn't have it now.) A quarterly publication has time to collect and edit interesting editorial material which will make its members await each edition eagerly. From quarterly, the frequency can be increased to bi-monthly as advertiser support and reader demand grows. Then ten issues can be published, and eventually 12. In the meantime, the data base can be used for a short flyer between quarterly editions.)
Orlando Section IEEE  
HISTORIAN'S REPORT  
by Russ Theisen

Confereces

1. I informed the IEEE TAB Meetings Committee in New York on May 19, 1986 that the Orlando Section was interested in hosting conferences in the Orlando, Florida area. The response was varied and non-decisive but each of the Divisional and Regional Representatives agreed to carry the request back to their respective groups. Tom Grim, Chairman of the TAB Meetings Committee indicated that the Engineering Management Society (9-14) was interested in finding a location for their 1998 conference. Tom Grim can be reached at (216)-822-3945 for details.

Congressional Testimony:

2. I have been able to contribute to the IEEE position papers targeted for the Congressional Record testimony supporting the Congressional Budget Committee hearings. As a member of both the USAB Engineering Research and Technology and the Aerospace Research and Technology Committees, I have been able to promote the IEEE cause through this USAB activities with meetings in May 9, 1986 and June 12, 1986. Any input from the local section would be appreciated.

NCC Board Meetings:

3. I will be attending the National Computer Conference Board meeting in Las Vegas the week of June 16 - 19, 1986. I am scheduled to attend the Computer Society Board meeting on June 18 and 19, 1986 and the American Federation of Information Processing Societies (AFIPS) Board meeting on June 14, 1986 and June 20, 1986. This will be followed by a week's vacation in the west.

Electronic Mail:

4. I was able to develop interest in the IEEE Computer Society's COMPMAIL electronic mail option for both the TAB Meetings Committee in New York and the USAB Aerospace Research and Technologies Committees in Washington, DC. (See attached questionnaire.)

Storage of Orlando Section Historical Data:

5. We now have filled the filing cabinet and are starting to store data in boxes again. House cleaning time is around the corner or another filing cabinet will be required soon.

Date: June 3, 1986
DISCUSSION POINTS, GOALS & ACTION (GUILT) ITEMS

Publications: Don Malocha/George Teack

1. Monthly Section Notes - 11 issues with similar format
2. Quarterly Bulletin - October, January, April & July
3. Advertising coordination
4. Public relations increased
5. Editorial board
6. Industrial liaison and contact
7. Expanded mailings (libraries, advertisers, etc.)
8. Financial monitoring

Awards: Frank Fluett

1. Establish this year's awards committee
2. Orlando nominations
3. PCIEEE awards
4. Region 3 awards
5. National awards
6. Fellow nominations

Possible inputs: past Awards chairman, Student Activities Chairman, Chapters Chairman, and others.

Chairsman: Keith Huddleston

1. New chapters officer rosters
2. Meeting calendar
3. National Distinguished Lecturer Series
4. Chapter support from National Societies ($)
5. Local Industry support of chapters ($)
6. New chapters formation
7. Obtain chapters meeting reports

Secretary: Tom Nelson

1. Timely report of minutes
2. Obtain meeting reports and file
3. Send necessary reports to HQ

Treasurer & Finance Committee: Madjid Belderdid

1. Review last year's reports and final financial report
2. Estimate our HQ income
3. Estimate our necessary expenses
4. Draft a budget for discussion for August
5. Complete and send financial report to HQ by Feb.
Conference Committee: George Tack

1. Follow-up on last year's leads.
2. Forecast possible bids
3. Obtain information on area hotels (estimated rates for rooms for next 5 years, conference room facilities, etc.

Vice-Chairman: Geoff Dick

1. Assist committee chairman in all of the above.
2. Run Orlando Section when Chairman is gone.
FORMAT FOR SECTION ANNOUNCEMENTS

SOCIOLOGY MEETING ANNOUNCEMENT

TOPIC:

SPEAKER:

DATE and TIME:

PLACE:

For further information contact:

OTHER:

ABSTRACT

ABOUT THE AUTHOR
IEEE SECTION EXECUTIVE COMMITTEE

SECTION CHAIRMAN
- VICE CHAIRMAN
- SECRETARY
- TREASURER
- SUBSECTION CHAIRMAN
- CHAPTER CHAIRMAN
- PAST CHAIRMAN

- MEMBERSHIP DEVELOPMENT
- FELLOWSHIP & ATTENDANCE
- STUDENT ACTIVITIES
- STANDING COMMITTEES
- AWARDS
- PROFESSIONAL ACTIVITIES
- NOMINATIONS

- PROGRAM
- CONFERENCE & CONVENTION
- PUBLICITY
- INTERSOCIETY RELATIONS
- HISTORY
- EDUCATIONAL ACTIVITIES
- FINANCE
- AUDIT
- PUBLICATIONS