## Orlando Section Notes




Dr. Brian Petrasko
The Engineer of the Year

## CHAIRMAN'S CORNER

## April 1986

As you have noticed while reading the Notes over the past few months, there has been some changes made to the format. Most of these were done to reduce the cost, however, a subcommittee of the executive board is considering other changes. We would like ANY INPUT from you, the readers, as to the things you like/dislike about the present publication or any new additions that is felt would improve the Notes. It would tickle us to death if we could get your ideas about the Section Notes on how to increase its value to engineers in the area. It only takes a few minutes to give myself or one of the executive committee your input. It would be nice to hear from more people outside of the executive committee than we have at this point. Those of you that have come to the monthly meeting or passed on information to us, it has been greatly appreciated.

The meeting place for the April executive meeting will be Automation Intelligence at 1200 West Colonial Drive at $5: 30$ p.m. If you wish to attend, feel free to do so because these meetings are open to the membership.

## George Taack

Chairman
Orlando Section

The "Orlando Section Notes" is published monthly by the Orlando Section of the Institute of Electrical and Electronics Engineers, Inc. Copies are mailed automatically at no cost by the first of each month to some 1200 IEEE members in Central Florida. To be considered for publication, articles and meeting notices must be received by the Editor by the 15 th of the month preceding publication. Advertising space is available to those organizations and individuals interested in publicizing their products, services, or identities to a specialized audience. Enquiries may be addressed to the Editor, Norm Lawton, P. O. Box 536, Casselberry, FL 32707, telephone 305-365-2713 (business).

## APRIL/MAY 1986 CALENDAR

April
Executive Committee Meeting
3rd Computer Society - CMOS Digital Circuits - Fault Diagnosis Design for Testability and Built-in Testing
15th MTT/AP - Microstrip Antennas
May 6th
15th
20th
TBD

Executive Committee Meeting
MTT/AP - TBA
Electron Devices - TBD
COM/VT - Spread Spectrum Communications

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April 10
9 a.m. 5 p.m

|  | Stephen F. Smith <br> PRIDAY <br> April 11 <br> $9 \mathrm{am} .5 \mathrm{p} . \mathrm{m}$.13 <br> Prolog \& Knowledge Information <br> Processing <br> Doug DeGroot |
| :---: | :---: |


| Software Testing <br> Edward Miller | Tools for Developers of <br> Distributed Sofware Systems <br> Jack C. Wileden |
| :---: | :---: |
| 14Knowledge-Based Systems for <br> Software Development <br> and Maintenance <br> Alen Goldberg | 15 Rellability and Performance <br> of Distributed Database <br> Systems <br> Leszek Lilien |

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| Early Registration Fees <br> (POSTMARKED by 3-21-86) |
| :--- |
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| PEL WEEK |



Early Registration Fees (POSTMARKED by 3-21-86)

| $\begin{gathered} \text { MONDAY } \\ \text { April } 7 \\ 9 \mathrm{a} . \mathrm{m} .5 \mathrm{p} . \mathrm{m} \end{gathered}$ | 1 <br> Ada" Joseph E. Urban | 2 Software Quality AssuranceA Practical Approach Tsun 5. Chow | 3 Introduction to Computer Networks a Distributed Operating Systems John A. Stankovic |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { TUESDAY } \\ & \text { April } 8 \\ & 9 \text { a.m. }-5 \text { p.m. } \end{aligned}$ | 4 The UNIX ${ }^{\text {* }}$ Operating System John Carson | 5 Software Conffguration Management I Stan Siegel Elizabeth Below | 6 Concurrent and Distributed Programming Arthur Bernstein |
| $\begin{aligned} & \text { WEDNESDAY } \\ & \text { April } 9 \\ & 9 \text { a.m. } .5 . \mathrm{m} . \end{aligned}$ | 7 The C Programming Language Alan Fever | 8 Software Conflguration Management II Staniey Siegel Elizabeth Below | ${ }^{9}$ Fault-Tolerance in Distributed Real-Time Systerns K.H. Kim |

## MTT AND AP

TITLE:
SPEAKER:
DATE:
TIME:
PLACE: Hewlett Packard 6177 Lake Ellenor Drive

PROGRAM: There will be an optional dinner at Gary's Duck Inn following the meeting. Guests are welcome.

POINT OF CONTACT:

TITLE:

ABSTRACT:

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

DATE: $\quad$ Thursday, April 3, 1986
TIME/PLACE: University of Central Florida
TIME/PLACE: Computer Science Bldg. - CC2 Room 103 3:00 p.m. - 4:30 p.m.
Kane Furniture Conference Room
2601 E. Colonial Drive, Orlando 7:00 p.m. - 9:00 p.m.

ADMISSION: $\quad$ None. All members, students and industrial representatives are invited.

POINT OF
CONTACT:

## MICROSTRIP ANTENNAS

Mr. Robert Munson, Ball Aerospace

Tuesday, April 15, 1986
5:30 p.m.
先

For any meeting information, contact Bob Smallwood (859-2900).

## COMPUTER SOCIETY

## CMOS Digital Circuits - Fault Diagnosis Design for Testability and Built-in Testing

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.

DATE.

For any more information, contact Jorge Medina (834-9000) or Steve Forsythe (244-1166).

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