

# WATT'S NEW

In

## The Baltimore Section

FALL 1999



### Chairman's Corner



The first half of 1999 has been a busy time for your Baltimore Section. Thanks to many IEEE volunteers, the Baltimore

Section Chapters have had a full slate of activities and meetings. There seems to be an IEEE-sponsored activity each week, such as the recent talk on "Patent Law" sponsored by the Aerospace and Electronic Systems Society, and the talk on "Periodic Components in Engineering Data Analysis" sponsored by the Reliability Society. To those members who haven't attended any of these functions as yet, I recommend that you plan to take in at least one during the last half of the year. Check the Baltimore Section activity calendar in the newsletter or on our web site ([www.ewh.ieee.org/r2/baltimore](http://www.ewh.ieee.org/r2/baltimore)) for a listing of upcoming events and their times and locations. One of our main focuses is on supporting our nine active societies. These are the AES, AP/MTT, COM, ED/SSC, EMB, IAS, PES, and REL societies.

Congratulations to Kate Carus, who earlier this year received the Engineer of the Year Award from the Engineering Society of Baltimore. Kate is a past Chairperson of the Baltimore Section and has served in a number of positions on the executive committee. The Baltimore section is specially proud to have nominated Kate for this long overdue award.

Baltimore Section is also proud to announce that the Baltimore chapter of PES won the outstanding chapter award. Mr. Joe Bunch, the 1998 PES Chairperson, attended the IEEE Summer meeting to accept the award.

The IEEE Baltimore Section-sponsored third annual High School Robot Challenge was once again an overwhelming success. Forty-one high school teams participated in the Maryland Engineering Challenge, held on April 24th. The competition went smoothly thanks to the many IEEE volunteers and a special thanks go to the many student chapter volunteers from Morgan State and Johns Hopkins Universities. Another kudos for the Robor Challenge is that it has been selected as one of three IEEE projects to be highlighted at the upcoming Professional Activities (PACE) conference in Dallas, Texas. Neville Jacobs, our Student Activities Director and the driving force behind the Robot Challenge, will be making the presentation at the PACE conference. Thanks to Neville for all his hard work - we hope he has a good time in Dallas later this year. For up-to-date information on the Robot Challenge, and for details on how to volunteer your time for this worthwhile project, check out the new Baltimore Section-sponsored web site at [www.robotchallenge.com](http://www.robotchallenge.com).

Have you seen the IEEE logo on Maryland license plates? They're available to all Maryland IEEE members and can be obtained only through the Baltimore Section. Call Vil Arafiles at 301-688-6276 or order through the Baltimore Section web site for your personalized IEEE license plate.

Our executive committee meetings are open to the general membership. We generally hold these meetings at the Historic Electronics Museum in Linthicum on the second Monday of the month at 6:30 PM. Meetings scheduled for the fall are:

September 13

October 11  
November 8  
December 13

Fifteen minutes prior to the meeting are reserved for members who wish to apply for Senior Membership. This time has been set aside as it was brought to the executive committee's attention last year that many members are having difficulty ascertaining which members are Senior and Fellow Members, who are needed to recommend applicants for Senior Membership. Executive committee members from the Baltimore Section and Annapolis Subsection will be there to help you fill out your forms and obtain the necessary recommendations. Check the IEEE bylaws to see if you are eligible - Bill Dixon

#### Inside This Issue - Your Official Section Ballot

Inside you will find your Official Section Ballot. Please take a moment to select either the candidate whose name appears on the ballot or write-in the name of a qualified IEEE member. Simply fill it in, fold, tape, place in an envelope with a first-class stamp and mail to the addressee on the ballot.

**Baltimore Section needs your input, so please vote! Thank you for your support!**



# WATT'S NEW

## IN THE BALTIMORE SECTION

"WATT'S NEW" in Baltimore Section is the biannual newsletter of the Baltimore Section of the Institute of Electrical and Electronics Engineers (IEEE). As a medium for both news and opinions, the editorial objectives of WATT'S NEW are to inform its readers in a timely and objective manner of newsworthy IEEE activities taking place in and around the Baltimore area, to publish officially scheduled events, to report on IEEE activities of national and international scope, and to serve as a forum for comment on areas of concern to the engineering community.

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Back Cover: Not Available		

1/8 Page (Business card: 3.5 x 2.25 or 2.5 x 3.25) ads will be placed at a promotional rate of \$125 per issue for a minimum of two consecutive issues.

The Baltimore Section of the IEEE encourages placement of technical, professional, promotional, and commercial advertisements in WATT'S NEW. Revenue from advertisements will help fund the Baltimore Section's Scholarship Fund.

WATT'S NEW is published in January and August. Subscriptions are included in the annual membership dues. Mail contributions to L & T Services, c/o Leonard Bathgate, 9 First Avenue West, Ferndale, Maryland 21061.

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\* Professional Activities Council of Engineers

## Delegates

### Engineers Council of Maryland, Kate Carus

### Engineering Society of Baltimore, Vacant

### Maryland Board for Licensing of Professional Engineers, Melvin Hotz

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# Other News

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## IEEE/ABET Seek Evaluators for Accreditation Programs

The IEEE Educational Activities Board seeks engineering professionals from industrial, government, and academic sectors to serve as program evaluators for accrediting engineering and engineering technology programs at U.S. universities. Nominations will be accepted through 1 November 1999.

The IEEE members selected will attend a one-day training seminar on the IEEE/ABET accreditation process, the first of which will take place at the June 2000 ASEE convention in Saint Louis, MO. The IEEE and ABET, through their pool of trained program evaluators, will be able to visit engineering and engineering technology departments across the country. Evaluation sessions take place each fall and generally run for two to three days. "Participation in the accreditation process for IEEE/ABET engineering programs is a major responsibility," said Rae Toscano, manager of IEEE EAB Administration. "Service as a program evaluator provides IEEE members with the opportunity to contribute to the achievement of high quality educational standards in engineering programs."

Nomination packages are available from: Accreditation Administrator, IEEE Educational Activities, 445 Hoes Lane, Piscataway, NJ 08855-1331, or by e-mail: [accreditation@ieee.org](mailto:accreditation@ieee.org), or by calling 1-732-562-5484. Complete information packages, including the application and nomination forms, are available at the following web sites: [webstage.ieee.org/organizations/eab/accengineer.htm#Engineering](http://webstage.ieee.org/organizations/eab/accengineer.htm#Engineering) (for engineering programs), and [webstage.ieee.org/organizations/eab/accengtech.htm#Technology](http://webstage.ieee.org/organizations/eab/accengtech.htm#Technology) (for engineering technology programs).

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## News From the Maryland State Board for Professional Engineers

### Maryland Board to Revise Law

The Maryland State Board for Professional Engineers is currently working on proposed legislation to be introduced to the year 2000 session of the Maryland Legislature, which would add a new section to the law entitled "Scope of Practice". Since 1994, there has been a dialogue between the engineering and architectural communities concerning a growing sense of dissatisfaction and unease regarding certain wording in their respective laws. This dissatisfaction has resulted in a three year focus on a new section in the Engineering Law dealing with a "Scope of Practice" section along with modification to the "Scope Section" in the Architect's Law.

Accordingly, a draft proposal of law changes, promulgated draft after draft to various engineering and architectural societies, has resulted in a proposal for law changes which are acceptable to both boards and serves to help in the promotion of public safety and welfare while not favoring any particular professional practice.

Change of any kind is seldom comfortable, but a change that is analyzed and planned is less uncomfortable than one that just happens. While it is recognized that not everyone will agree with every change and nuance of the proposed changes, it is believed that the recommended wording manifests itself in language which will benefit the majority of users, both professional and public, along with the jurisdictional personnel who are charged with the review of technical documentation.

The proposed law change would add a "Scope of Practice" section, revise the definition of "investigation", delete negatives describing the practices of engineering, and modify "design coordination".

Melvin Hotz, Chairman  
Maryland State Board for Professional Engineers

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## How to Pass the Fundamentals of Engineering (FE)/ Engineer-in-Training (EIT) and Professional Engineer (PE) Exams

Join Dr. Gary Blank, Consultant and Chair of the Alliance of IEEE Consultants Networks (AICN), who has helped thousands to successfully pass both exams, to learn about the many challenges and the strategy of passing. The two-hour informative and educational seminar will be held in Baltimore on the evening of September 24, 1999. For further details, visit [www.drblank.com/copass.htm](http://www.drblank.com/copass.htm) or call 847-464-4007, or e-mail to [g.l.blank@ieee.org](mailto:g.l.blank@ieee.org).



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# Other News

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Instrumentation and Measurement  
Technology Conference

**IMTC® / 2000** *SMART CONNECTIVITY:  
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Baltimore Hilton and Towers, Baltimore, Maryland, USA

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## *CALL FOR PAPERS*

The conference will cover all aspects of theory and practice technologies, instrumentation, and related applications. The scope v theory, implementation, and application of:

A/D, D/A, and Data Acquisition	Neural and F
Analog and Digital Signal Processing	Self Test and
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Emerging Technologies	System Iden
Fault Tolerance and Diagnosis	Virtual Syste
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Networking Calibration	Wireless Se

Perspective authors should submit an extended abstract (in Er advanced study, theory, or application. Abstracts should be 2 to include the significance of the contribution, a list of references, an abstract must be accompanied by the Abstract Submission Form mentioned below) with author name(s), affiliation(s), address(es), ph email address(es), and the contact author. Abstracts should be sub 1999, to:

**Robert Myers,**  
**IMTC/2000 Conference Coordinator**  
3685 Motor Ave., Suite 240,  
Los Angeles, CA 90034-5750, USA  
phone: (310) 287-1463, fax: (310) 287-1851  
E-mail: bob.myers@ieee.org

- **October 1** deadline.
- **December** of accepta
- **February** date.

Papers will be reviewed by the International Technical Program Com about acceptance or rejection by December 20, 1999, and the

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# Other News

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## Student Professional Awareness Conference (SPAC)

SPAC is an excellent opportunity for IEEE Section members to interface with Student Branch members and inform them of the Section programs and activities open to them as students and later as engineering graduates. Section leaders should try to attend the SPAC and should encourage other IEEE members to attend, in order to maximize the student's contact with engineering professionals. This interface can heighten students' interest in continuing their IEEE membership after graduation and in becoming active in their local IEEE Student Branches in many different ways:

- 1) Expect requests from student SPAC organizers for assistance from the Section.
- 2) Expect requests from student SPAC organizers for assistance in locating other funds. Funds may be sought from local industry, Regional PACE, and other Region/Area/Council sources.
- 3) Expect requests for local speaker suggestions. Speakers should be able to relate to students on nontechnical professional issues. They may be found within the Section membership and/or in local industry, government, and academia.
- 4) Suggest free advertisement of the SPAC in the Section newsletter, if lead time permits.
- 5) Consider holding a Section meeting in conjunction with the S-PAC.
- 6) Ensure that the Section is represented at the SPAC. Section officers who may be contacted by student organizers to provide these types of support include:
  - Section Student Activities Committee Chairperson
  - Section PACE Chairperson
  - Section Chairperson

In addition to assisting students as outlined above, the IEEE-USA Student Professional Awareness Committee (SPAC) requests that, on its behalf, the Section Chairperson attend the SPAC and present the Student SPAC Chairperson and Student Branch Counselor a plaque. This plaque is given in recognition of the accomplishment of a successful SPAC at the university and is intended for display in a prominent location, such as the EE Department office. If the Section Chairperson cannot attend the SPAC, a major Section meeting or a Section ExCom meeting would be appropriate for presentation of the plaque to the student organizers. If timely, the plaque could also be presented at the Section's award banquet. The SPAC Chairperson will contact the Section Chairperson prior to the SPAC to request that he or she make the presentation.

Conference Location: Morgan State University - William Donald Schaeffer Building, 2nd floor Auditorium, located on Perring Parkway (continuation of Hillen Road), about 3 blocks north of Coldspring Avenue.

Date: September 25, 1999; Time: 12:00 noon to 2:30 PM

Program will consist of a panel discussion, with each presenter talking for 10 to 15 minutes about his/her experiences as a consultant or starting up his/her own business. This will be followed by

keynote speaker, Dr. Gary Blank, after which there will be a discussion and the opportunity to mingle with the students. Refreshments will be served.

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## Best-Selling IEEE Book Series Goes Electronic!

PISCATAWAY, NJ, 24 March 1999 - Now available on CD-ROM from the IEEE is the best-selling Engineers Guides To Business Series. Originally produced and still available in book format, this series seeks to develop within the business-minded engineer an awareness of non-technical skills. Titles in the series include:

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Starting a High-Tech Company  
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Order from the IEEE Customer Service Dept, 445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331, USA. For single sales, call 1-800-678-IEEE (1-732-981-0060 outside the USA and Canada); for company or institutional sales, call 1-800-701-IEEE or fax 1-732-981-9667. Shipping and handling charges apply. E-mail: [customer-service@ieee.org](mailto:customer-service@ieee.org).

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## Other News

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# Chapter Information

## Annapolis Subsection Crab-Line



### Meeting Schedule and Information

Annapolis Area Members:

The Annapolis Subsection meets at the U.S. Naval Academy in room 103 of Michelson Hall, located between the Nimitz Library and Chauvenet Hall. Enter through Gate 1 and park along Holloway Road & Ingram Field or near Rickover Hall. Meetings are held jointly with the IEEE Student Activities Section and consist of a networking session at 7:00 PM, followed by the presentation at 7:30 PM.

For more information on meeting dates in the fall, contact the section chair or visit the web site link at [www.ewh.ieee.org/r2/baltimore/Subsection/crab-line.html](http://www.ewh.ieee.org/r2/baltimore/Subsection/crab-line.html).

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**Secretary, OPEN**

## Southern Maryland

### Meeting Schedule and Information

IEEE Southern Maryland Communications, Computers, and Electromagnetic Compatibility (EMC) Chapter holds meetings regularly on the last Monday of every month, with dinner meetings held at the Roost Restaurant on the 1st month of each quarter and brown bag lunch meetings held at Veda Incorporated on the 2nd and 3rd months of each quarter. Each meeting has a special guest speaker presenting technical information.

Regular meeting notices are issued by postal mailings, e-mail, and newspaper articles.

For more information on meeting dates in the fall, contact the section chair or visit the web site link at [www.ewh.ieee.org/r2/baltimore/Sections/SoMD/Southern\\_MD.html](http://www.ewh.ieee.org/r2/baltimore/Sections/SoMD/Southern_MD.html).

**Contact Mr. Fred Heather**  
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or  
**Mr. Wayne Devereux**  
e-mail: [wdevereux.parx@veda.com](mailto:wdevereux.parx@veda.com)

## Student Chapters

Are you a student at John's Hopkins, Loyola, UMBC, Morgan State, or the U.S. Naval Academy?

### WE NEED TO HEAR FROM YOU!

We would like to print information regarding your meetings and events. Please contact the Chapter or Section Chair with your chapter information.

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Officers for Spring 1999-  
Spring 2000  
President: Jennifer Blain  
Vice: Eric Henlon  
Treas: Eugenio Culurciello  
Sec: Lisa Caputio

## Reliability (R-07)

Reliability of electrical, electronic and related products, and scientific, technical, industrial or other activities that contribute to this field, or utilize the techniques or products of this field.

We would like to make the Baltimore Section Reliability Society a useful forum to foster the Reliability Engineering profession in this area and to provide you, the members of IEEE, with important information and resources. Anyone interested in getting involved in our society's activities, please contact the chair.

### Meeting Schedule and Information

Generally, all meetings are held at Northrup Grumman Corporation, Central Building, Linthicum, MD, starting at 11:30 AM. A light lunch is served. For dates and times of meetings and other events, contact the chair or visit our Baltimore Section web site link at [www.ewh.ieee.org/r2/baltimore/Chapter/Rel/Reliability.html](http://www.ewh.ieee.org/r2/baltimore/Chapter/Rel/Reliability.html).

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# Chapter Information

## Engineering in Medicine and Biology (EMB-18)

EMB-18 is a society of people who apply the concepts and methods of physical and engineering sciences to the problems of biology and medicine. This covers a very broad spectrum, ranging from formalized mathematical theory through experimental science and technological development to practical clinical applications. It includes support of scientific, technological, and educational activities. The aim of the Baltimore Chapter, together with the Washington and Northern Virginia Chapters, is to be a catalyst for EMBS activity in the Baltimore-Washington area.

### Meeting Schedule and Information

Meetings are held at Johns Hopkins University, Homewood Campus, Krieger Room 205. Parking: \$2.50 in the visitor's lot, free on Wyman Avenue. For more information on meeting dates in the fall, contact the section chair or visit our web site at [www.loyola.edu/ieec/](http://www.loyola.edu/ieec/).

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## Power Engineering Society (PE-31)

The scope of the society embraces planning, research, development, design, application, construction, installation, and operation of apparatus, equipment, structures, materials, and systems for the safe, reliable, and economic generation, transmission, distribution, conservation, measurement, and control of electrical energy. The society develops standards, provides instruction, and advances the electric power discipline and techniques.

### Meeting Schedule and Information

Meetings are held at BGE Marketing and Energy Services Building Main Conference Center located in Woodlawn. For more information on meeting dates and times in the fall, call Richard Moore at 410-281-3518 or visit our Baltimore Section web site link at [www.ewh.ieee.org/r2/baltimore/baltimorepes/](http://www.ewh.ieee.org/r2/baltimore/baltimorepes/)

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#### Treasurer, Kirk A. Rae

#### Secretary, Robert Biagiotti

## Antenna Propagation/Microwave Theory Techniques (AP-03/MTTS-17)

Antennas and Propagation. Experimental and theoretical advances in antennas including design and development, and in the propagation of electromagnetic waves including scattering, diffraction, and interaction with continuous media; and application, pertinent to antennas and propagation, such as remote sensing, applied optics, and millimeter and submillimeter wave techniques.

### Meeting Schedule and Information

Meetings are held at Northrup Grumman's facilities at BWI during lunchtime. Please contact Hyo-Kun Hahn at 410-765-5931 for meeting dates, locations, and times. You may also visit our Baltimore Section web site link at [www.ewh.ieee.org/r2/baltimore/Chapter/ApMTT/AntennaMicrowave.html](http://www.ewh.ieee.org/r2/baltimore/Chapter/ApMTT/AntennaMicrowave.html)

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# Chapter Information

## Electron Devices (ED-15)/Solid State Circuits (SSC-037)

The EDS field of interest spans all aspects of the physics, theory, and phenomenon of electron and ion devices such as elemental and compound semiconductor devices, quantum effect devices, optical display and imaging devices, high frequency devices, micromechanics, tubes, and vacuum devices. The society is concerned with the research, development, design, manufacturing, processing technology, and applications of these devices.

### Meeting Schedule and Information

Meetings are held on a quarterly basis at the Historical Electronics Museum, located on Nursery Road near BWI Airport. For more information on meeting dates and times in the fall, contact the section chair or visit our Baltimore Section web site link at [www.ewh.ieee.org/r2/baltimore/edss/](http://www.ewh.ieee.org/r2/baltimore/edss/)

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## Aerospace and Electronic Systems (AES-10)

Organization, design, development, integration, and operation of functional systems for space, air, ocean, or ground environments. These systems include, but are not limited to, navigation, avionics, spacecraft, aerospace power, radar, sonar, telemetry, defense, transportation, and command and control. A functional system is hereby construed to mean a complex interacting assembly of major components designed to accomplish specific functions.

### Meeting Schedule and Information

Meetings are held at the Historical Electronics Museum, located on Nursery Road next to the Marriott Hotel near BWI Airport. For more information on meeting dates and times in the fall, contact the chapter chair or visit our Baltimore Section web site link at [www.ewh.ieee.org/r2/baltimore/AES/AESShomepage.html](http://www.ewh.ieee.org/r2/baltimore/AES/AESShomepage.html)

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# Chapter Information

## Communications (COM-19)

Advancement of the science, engineering, technology, and application for transferring information between locations by the use of signals. This includes sources and destinations involving all types of terminals, computers, and information processors; all pertinent systems and operation to bring about this transfer; guided and unguided transmission media; switched and unswitched networks; and network layouts, protocols, architecture, and implementation.

### Meeting Schedule and Information

Meetings are held the first Tuesday of each month at UMBC, Catonsville. A notice is sent via e-mail several weeks before each meeting. For more information on meeting dates and times in the fall, send your e-mail to Jeff Friedhoffer, [jafried@ieee.org](mailto:jafried@ieee.org) or visit our Baltimore Section web site link at [www.ewh.ieee.org/r2/baltimore/Chapter/Comm/Communication.html](http://www.ewh.ieee.org/r2/baltimore/Chapter/Comm/Communication.html)

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## Electromagnetic Compatibility (EMC-27)

Enhancement of Electromagnetic Compatibility (defined as the capability of systems or equipment to be operated in the intended operational environment at designed levels of efficiency without degradation due to electromagnetic interactions) including, but not limited to: 1) the generation of engineering standards; 2) measurement techniques and test procedures; 3) measuring instruments; 4) equipment and system characteristics, such as susceptibility (immunity), vulnerability, related propagation effects, and subjective effects, frequency allocation and assignment; 5) improved (interference reduction or control) techniques and components; 6) education in electromagnetic compatibility; 7) studies of the origins of interference, both man-made and natural, and their classification; 8) spectrum conversion; 9) spectrum utilization; 10) shielding techniques; 11) side effects of electromagnetic energy; 12) scientific, technical, industrial, professional or other activities that contribute to this field, or utilize the technique or products of this field.

### Meeting Schedule and Information

For information on meeting dates and times in the fall, contact the chapter chair or visit our Baltimore Section web site link at [www.ewh.ieee.org/r2/baltimore/Chapter/EMC/emc.html](http://www.ewh.ieee.org/r2/baltimore/Chapter/EMC/emc.html)

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# Chapter Information

## Industry Applications Society (IA-34)

Development and application of electrical systems, apparatus, devices, and controls to the processes and equipment of industry and commerce; the promotion of safe, reliable, and economic installations; the encouragement of energy conservation; and the creation of voluntary engineering standards and recommended practices.

### Meeting Schedule and Information

Meetings are held from 6:00 PM to 10:00 PM at Overlea Hall, 6809 Belair Road, Baltimore, MD 21206. Cost for members is \$25 reserved, and \$30.00 at the door; nonmembers - \$30 reserved, \$35 at the door. For more information on meeting dates and times in the fall, contact:

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e-mail: [stheberge@balt.cummins.com](mailto:stheberge@balt.cummins.com)

or visit our web site at [glomar.com/ias.htm](http://glomar.com/ias.htm).

### Tutorials

The topic for the fall is Motor Control Fundamentals and Choices.

For more information about our tutorials, contact:

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## Education Society (E-25)

Chair, Vacant

## Computer Society (C-16)

Chair, Vacant

## Engineering Management Society (EM-14)

Chair, Vacant

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# OFFICIAL BALLOT

## Baltimore Section/Annapolis Subsection

The candidates below have agreed to serve your section for 2000. All IEEE members of the Baltimore Section and Annapolis Subsection are requested to fill in and return this ballot affirming the nominees listed or entering a write-in candidate if judged appropriate. **Please mail completed ballot to: John Dentler, 1557 Eton Way, Crofton, MD 21114.**

### *Executive Officers:*

Chairman	[ ]	Ralph Bruce	[ ]	_____
Vice Chairman	[ ]	Carole Carey	[ ]	_____
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Treasurer	[ ]		[ ]	_____

### *Directors:*

Continuing Education	[ ]		[ ]	_____
Membership Development	[ ]	James M. Gillin	[ ]	_____
Awards and Recognition	[ ]	Tom Patton	[ ]	_____
Student Activities	[ ]	Neville Jacobs	[ ]	_____
Programs	[ ]	Chris Nemarich	[ ]	_____
Publications	[ ]	David Stevens	[ ]	_____
Professional Activities	[ ]	Bill Dixon	[ ]	_____

### *Annapolis Subsection:*

Chairman	[ ]	David C. Boyd	[ ]	_____
Vice Chairman/Treasurer	[ ]	Noel Castiglia	[ ]	_____
Secretary	[ ]		[ ]	_____

**BALLOTS MUST BE SIGNED AND INCLUDE MEMBER NUMBER TO BE COUNTED. BALLOTS MUST BE POSTMARKED BY 30 November 1999**

Name: \_\_\_\_\_

Signature: \_\_\_\_\_ IEEE Member No.: \_\_\_\_\_

### IEEE MEMBER SURVEY

Your Executive Committee needs feedback. Do you have concerns within the objectives of the IEEE that you wish to have addressed?

	Y	N
I rely on the "WATT'S NEW" for meeting schedules	[ ]	[ ]
I rely on individual meeting notices from the chapters	[ ]	[ ]
I get meeting schedule information from other sources (i.e. web site)	[ ]	[ ]
I attend Chapter/Society/Subsection meetings	[ ]	[ ]
I would be interested in helping out at the: (Circle any that apply)	[ ]	[ ]

**Section      Annapolis Subsection      Chapter Level**

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No.

(Optional)

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## CALENDAR OF MEETINGS AND EVENTS

### SEPTEMBER

**13 ExCom Meeting**  
**IAS - Fire Alarm Systems**

**25 Student Professional Awareness 15**  
**Conference (SPAC)**

### OCTOBER

**11 ExCom Meeting**  
**20 IAS - NEMA Globalization**

**21 AESS Digital Television, How and**  
**When?**

### NOVEMBER

**8 ExCom Meeting**  
**17 IAS - SCADA and Energy Management**  
**Systems**

**17 & 18 AESS Modern Radar Course**  
**18 AESS An Efficient Optimization**  
**Technique for Image Analysis**

### DECEMBER

**13 ExCom Meeting**

### **IEEE WATT'S NEW in** **The Baltimore Section**

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