



The Institute of Electrical  
and Electronics Engineers, Inc.

# The Open Channel

Newsletter for the Hampton Roads Section

September 2001

## September Meeting

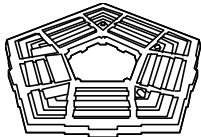
**Date:** Thursday, September 20, 2001

**Location:** Sammy & Nicks  
2718 Mercury Blvd  
Hampton, Virginia

**Schedule:** 6:00 p.m. - Administrative Meeting  
6:30 p.m. - Social  
7:00 p.m. - Dinner  
7:30 p.m. - Speaker

**Price:** Member - \$15.00  
Student - \$7.50  
Guest - \$15.00

**Directions:** Take I-64 to Mercury Blvd. (from the south side, go through the Hampton Roads Bridge Tunnel), Exit westbound on to Mercury Blvd., and travel approximately 1.5 miles. Sammy and Nick's is on the right.



<http://www.defenselink.mil/pubs/pentagon/about.html>



<http://userpages.aug.com/haywire>

## 2000 Section Officers

Chair: VACANT  
Acting Chair: Sam Simmons [ssimmons@ieee.org](mailto:ssimmons@ieee.org)  
Vice Chair: William Edmonson  
[William.Edmonson@hamptonu.edu](mailto:William.Edmonson@hamptonu.edu)

Treasurer: VACANT  
Secretary: Tim Gavin [tim\\_r\\_gavin@ieee.org](mailto:tim_r_gavin@ieee.org)  
Newsletter: Judith Brandon [jbrandon@ieee.org](mailto:jbrandon@ieee.org)  
Membership: William LaBelle [W.Labelle@ieee.org](mailto:W.Labelle@ieee.org)  
Web Manager: William Clayton [w.clayton@ieee.org](mailto:w.clayton@ieee.org)

## Region 3 Addresses

R3 Web Site: <http://www.ewh.ieee.org/reg/3/>  
Hampton Roads Web Site:  
[http://www.ewh.ieee.org/r3/hampton\\_roads/](http://www.ewh.ieee.org/r3/hampton_roads/)  
ETI Web Site: <http://ie3eti.eng.uab.edu/>  
ETI Authorization: [eti-info@eng.uab.edu](mailto:eti-info@eng.uab.edu)



[http://www.skyscraper.org/tallest/t\\_wtc.htm](http://www.skyscraper.org/tallest/t_wtc.htm)

### CALL FOR NOMINATIONS - 2002 RAB COMMITTEE CHAIRS & MEMBERS

The 2001 IEEE Regional Activities Board (RAB) Nominations & Appointments Committee is soliciting candidates who are interested in serving as Chair on the following Committees in 2002:

- \* RAB Awards & Recognition Committee
- \* RAB Graduates of the Last Decade Committee
- \* RAB Industry Relations Committee
- \* Transnational Committee (joint appointment)
- \* EAB/RAB Reference List of Educational Programs Committee (joint appointment)

In addition, the RAB N&A Committee seeking candidates who are interested in serving as MEMBERS on the following Committees in 2002:

- \* RAB Awards & Recognition Committee
- \* RAB Graduates of the Last Decade Committee
- \* RAB Industry Relations Committee
- \* RAB Strategic Planning Committee (must be current Region Director)
- \* RAB/TAB Section/Chapter Support Committee
- \* EAB/RAB Reference List of Educational Programs Committee
- \* IEEE Membership Development Committee
- \* Transnational Committee

Specific information regarding each RAB Committee is available in the RAB Operations Manual:

<http://www.ieee.org/organizations/rab/rab/RABOpsMan/OpMan-index.html>.

For additional information or to submit nominations, please send an email to [ra-admin@ieee.org](mailto:ra-admin@ieee.org). The deadline for nominations is Monday, 1 October 2001

IEEE is looking for volunteer leaders to speak at Sections Congress, the triennial gathering that brings together the Institute's grassroots leadership from around the world. The next event is on 18-21 October 2002. For more information, go to the latest edition of IEEE-SA News at <http://grouper.ieee.org:8080/sa/member/sanews/archives/news20-Aug-01.html>

### CALL FOR PAPERS

#### IEEE SoutheastCon 2002 April 5 - 7

Embassy Suites Hotel  
Columbia, South Carolina

SoutheastCon is the annual IEEE Region 3 Technical, Professional, and Student Conference. It brings together electrical and computer engineering professionals, faculty, and students to share the latest information through technical sessions, tutorials, exhibits, and technical competitions. Original papers on all aspects of electrical and computer engineering are desired for the technical program.

For the complete Call For Papers and information about the conference please see our website at

<http://www.ewh.ieee.org/cmte/secon/index.html>

(conference information) or

<http://www.ewh.ieee.org/cmte/secon/callpaper.pdf> (call for papers)

**TODAY'S ENGINEER** is IEEE-USA's monthly, career-oriented webzine, offering feature articles and short blurbs with career guidance, tips, strategies and solutions for all sectors of the profession. This month's fare includes:

- \*Telecommuting Pros and Cons -- From the Trenches
- To E-mail or Not to Email -- And If So, How?
- Engineering Trends: Work Relationships
- Engineering Hall of Fame: Frank H. McIntosh and the Advent of Hi-Fi
- World Bytes: The Greatest Risk is Not Taking One
- OpEd Corner: Engineering Publicity -- The Sequel
- New Capers Cartoon -- The Telephone Conference

To read TODAY'S ENGINEER, visit:

<http://www.todaysengineer.org/careerfocus/>

**POLICY PERSPECTIVES** is IEEE-USA's monthly, policy-oriented webzine, offering articles and commentary on the topics that are shaping legislation, the technology workplace, and the engineering world. This edition includes:

- Electric Reliability in Deregulated Markets
- Telecommuting -- Policies and Perils
- WISE Interns Experience 'The Hill' Firsthand
- Capitol Shavings: The U.S. Energy Package: Many Issues, Many Opinions
- Reader Poll: Should Engineers Bargain Collectively?

To read POLICY PERSPECTIVES, visit:

<http://www.todaysengineer.org/policyperspectives/>

### Educational Activities Board

For complete access to IEEE educational products and programs, log onto [www.ieee.org/eab](http://www.ieee.org/eab). The site offers the online education reading room, video on-demand, the NewsWire, contests and prizes, and much more.

**Free Online How-to Guide for Course Design** The IEEE Educational Activities Board (EAB) has posted an online tool for course designers, "Reference Guide for Instructional Design and Development." This how-to guide was developed by EAB in partnership with Telcordia Technologies to help individuals design courses and tutorials efficiently and effectively. Based on the Systematic Design of Instruction by Walter Dick and Lou Chaney, the guide outlines six distinct steps to acquire "sound principles of design" when creating courses. These clear steps are displayed on a colorful, friendly webpage

Links to suggestions for further study are on each page. This guide will help designers to add education value to their tutorials, which can qualify them for Continuing Education Unit credits. Access this guide at

<http://www.ieee.org/organizations/eab/tutorials/refguide/mms01.htm>.

For additional information CONTACT Lynn Murison - IEEE Educational Activities - telephone +1 7322 5622

6526;"MailTo:[l.murison@ieee.org](mailto:l.murison@ieee.org)".

## SCHOLARSHIPS AND FINANCIAL AID FOR IEEE STUDENTS

IEEE sponsors awards, scholarships, and fellowships for electrical engineering students at the undergraduate and graduate levels. IEEE Student Services can provide prospective electrical engineering students with information about these and other scholarships. For more information, visit their website at [www.ieee.org/membership/students/sc\\_scholarships.html](http://www.ieee.org/membership/students/sc_scholarships.html) IEEE-USA Scholarships and Financial Aid [www.ieeeusa.org/careers/student.menu.html#aid](http://www.ieeeusa.org/careers/student.menu.html#aid) IEEE provides a number of scholarships and awards through its technical societies, regions and other organization units in support of qualified student members. Society of Women Engineers [www.swe.org/](http://www.swe.org/) website has both career and scholarship information. The Financial Aid <http://www.finaid.org/> Information Page offers a wealth of information on financial aid and scholarship opportunities. FastWeb <http://www.fastweb.com/> is a searchable database of over 180,000 scholarships, fellowships, grants, and loan opportunities. Supercollege.Com <http://www.supercollege.com/> is geared toward the college bound student and offers a variety of resources, including a searchable scholarship database.

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## Compete for up to US\$250,000 in IEEE Awards and Scholarships

Have you written an exceptional technical paper or worked with a team of student innovators on a project? Why not submit your work for an IEEE award. The IEEE sponsors scholarships, awards, fellowships and student paper contests for all levels of study and many technical disciplines. Take advantage of your IEEE Student membership by competing for one of these prestigious awards. To request a brochure or read awards descriptions online, visit <http://www.ieee.org/scholarships>.

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## IEEE News

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*Excerpt from letter to Women in Engineering from Patricia L. Eng, IEEE WIE Committee Member:*

The IEEE response to us has been amazing. An indicator of this is as of 28 August 2001, 2,568 people joined WIE since our membership option started last November.

Our membership is very diverse with 55.2% of our membership coming from U.S.; 6.2% from Canada; 20.0% from Europe, Middle East & Africa; 9.5% from Latin America; and 9.1% from Asia & Pacific.

As our membership grew, the WIE Committee met to discuss how we could best serve you, the membership. We came to the conclusion that with such a diverse group, we should conduct a survey to find out what YOU, the members think. So, we have created a survey, which can be found at [www.ieee.org/women/survey](http://www.ieee.org/women/survey).

We encourage you to respond to the survey as soon as is convenient for you. We will be looking at the survey results towards the end of September 2001 and use the information we get from your input to develop resources and programs for you.

## Teachers and Engineers Interact on the New

**PEERS Website** PEERS, the new IEEE Educational Activities Pre-College Educator / Engineer Resource Site Web site, is designed to help engineers and educators work together to raise technological literacy at the pre-college level. There are many ways for engineers to contribute, including aiding teachers' professional development, curricula reform, or acting as email resources for teachers or classes. To get started, access PEERS at <http://www.ieee.org/eab/precollege/peers/index.htm>

## Local Engineering Events

### *WIE Forming a New Chapter in Washington, DC*

**Metropolitan Area** Are you from the Washington, DC Metropolitan area and would like to participate in WIE Chapter activities? A new WIE Chapter is forming and we need your support. Please attend the forming chapter's kick-off meeting hosted by Satish Aggarwal, IEEE National Capital Area Council Chair (NCAC). The meeting particulars are:

Date: Tuesday, 30 October 2001

Time: 6:00 p.m.

Location: Allie's Americal Grill, Bethesda Marriott, Pooks Hill Road, Bethesda, Maryland

If you are interested in a leadership role in organizing this new chapter, please contact Chair Aggarwal at 301-415-6005 or [sa@ieee.org](mailto:sa@ieee.org) to indicate your support.

The annual **Virginia Engineering Conference** will be held September 27th and 28th at the Sheraton Oceanfront Hotel in Virginia Beach. There are more topics that should be of interest to electrical engineers including Power Deregulation, Smart Road Technology, and career development sessions.

Are you organizing or sponsoring a local event of interest to the engineering community? Let us know! Contact chapter newsletter editor Judith Brandon ([jbrandon@ieee.org](mailto:jbrandon@ieee.org)) to have your event announced in upcoming editions of *The Open Channel*. With distribution to over 1000 local IEEE members each month, you can't afford to ignore this free resource.

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## Hampton Roads Distribution List

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To UNSUBSCRIBE send an e-mail message to [majordomo@majordomo.ieee.org](mailto:majordomo@majordomo.ieee.org) and place the command **unsubscribe r3-hamptonroads-members <your.email >** in the body of the message.