



# *The Open Channel*

**Newsletter for the Hampton Roads Section**

The Institute of Electrical and Electronics Engineers, Inc.

## **November 1999**

November Meeting

"Microelectronics:  
Challenges Facing the Technology and the Business"

Speaker: Dr. Sacharia Albin  
Old Dominion University

Date: Thursday, November 18, 1999

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.

Meeting Highlights: Dwindling prices in the PC market resulted in very low margin for chip manufacturers. It is anticipated that next growth areas for chip will be in PCs capable of video processing for Internet, telecommunication using cable, satellite and wireless, smart appliances and consumer products. An overview of challenges facing microelectronics technology to stay in business will be given. In addition, efforts in expanding microelectronics education at ODU under the sponsorship of

Virginia Microelectronics Consortium (VMEC) will be discussed.

From the Chair

The Hampton Roads website is online and can be found at [http://www.ewh.ieee.org/r3/hampton\\_roads/](http://www.ewh.ieee.org/r3/hampton_roads/). It is accessible through IEEE, <http://www.ieee.org>, by selecting the hyperlinks for IEEE Organizations, IEEE Sections, Region 3, and then Hampton Roads. At present, it is best viewed with Microsoft's Internet Explorer. The information contained therein includes this newsletter and links to various IEEE offices.

We want to verify our membership data, particularly mailing addresses. There are several different ways to correct member information in the IEEE database:

- use the web-based interactive "change of address" form at <http://services1.ieee.org/membersvc/coa/intro.htm>,
- send an e-mail message to: [mailto:address-changes\(at\)ieee.org](mailto:address-changes(at)ieee.org),
- call IEEE Member Services at 1-800-678-IEEE,
- mail changes to IEEE, 445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331 USA, or
- fax changes to 1-732-981-9667.

If you need to make changes, be sure to include your name, affiliation, position and member number.

An email distribution list has been set up for the Hampton Roads IEEE section to allow us to send newsletters and other important items of information to you. If you did not receive this newsletter electronically and would like to in future, please send an email to [listserv@listserv.ieee.org](mailto:listserv@listserv.ieee.org) with the statement  
subscribe R3-hamptonroads [your first name] [your last name]  
in the body of the message. You may leave the subject line blank. You will receive a confirmation message to which you must reply before you're subscribed. Current plans are to phase out duplicate newsletter copies by January 2000, so please sign up soon.

William LaBelle

1999 Section Officers

Chair: William LaBelle ([w.labelle\(at\)ieee.org](mailto:w.labelle(at)ieee.org))  
Vice Chair: Sam Simmons ([ssimmons@pirnie.com](mailto:ssimmons@pirnie.com))  
Treasurer: Greg Gallagher ([gallaghj@eustis.army.mil](mailto:gallaghj@eustis.army.mil))  
Secretary: Wilfredo Avila-Perez ([WAvila\\_Perez@compuserve.com](mailto:WAvila_Perez@compuserve.com))

Nominations for EXCOM

It's time again to elect Section Officers for the Hampton Roads IEEE Section. The executive committee (EXCOM) is responsible for coordinating monthly meetings, interacting with regional and national IEEE leadership and other engineering societies, and ensuring the continued growth of our section. If you know someone who has the required interests and abilities, please submit nominations to Mike McBeth (<mailto:mcbethm@nise-yktn.nosc.mil>) or Herb Turkett ([mailto:h.turkett\(at\)ieee.org](mailto:h.turkett(at)ieee.org)) as soon as possible. Self-nominations for any

of the positions are also invited.

### 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://sandbox.ieee.org/r3/eti/eti.html>

ETI Authorisation: [eti-info@eng.uab.edu](mailto:eti-info@eng.uab.edu)

### 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.

### Symposia and Conferences

The 25th JSDE (Joint Services Data Exchange) Symposium, a conference on Military Navigation, is being held November 15-19, 1999 at the Sheraton Norfolk Waterside Hotel at 777 Waterside Drive, Norfolk, VA. The symposium is being held in conjunction with the GPS Users' conference and the embedded GPs/INS (EGI) Users conference. It will highlight navigation instrument and system developments as well as present status and utility of the GPs and EGI systems in military operations. There will be also be classified sessions

held at the Oceana NAS.

Details and registration procedures can be found at the JSDE website, <<http://jsde.spawar.navy.mil/jsde>>. Please contact Herb Schoenfeld, JSDE Secretary/Treasurer, at [Herbsch@aol.com](mailto:Herbsch@aol.com), for additional information.

Lfm2000: The Fifth NASA Langley Formal Methods Workshop will be held June 13-15, 2000 at the Radisson Fort Magruder Hotel & Conference Center in Williamsburg, Virginia. This will be the fifth in a series of meetings begun in 1990 by the NASA Langley Research Center with the primary purpose of bringing together formal methods researchers and practicing engineers in an environment in which each group can learn from the other. We are currently soliciting papers for consideration for presentation at the workshop. All papers are due by 12 January 2000.

Visit <http://shemesh.larc.nasa.gov/Lfm2000/> or send email to <mailto:lfm2000@larc.nasa.gov> for more information.

### Local Engineering Events

Are you organizing or sponsoring a local event of interest to the engineering community? Let us know! Contact chapter president William LaBelle ([mailto:w.labelle\(at\)ieee.org](mailto:w.labelle(at)ieee.org)) or newsletter editor Sonja Ebron ([mailto:SEbron\(at\)ieee.org](mailto:SEbron(at)ieee.org)) to have your event announced in the Open Channel.

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