



The Institute of Electrical and Electronics Engineers, Inc.

# The Open Channel

Newsletter for the Hampton Roads Section

February 13, 2003

## Hampton Roads IEEE Meeting

February 20, 2003

6:00 PM Exec Committee

6:30 PM Social Period

7:00 PM Dinner

8:00 PM [Student Paper Contest](#)

McGrew Towers and  
Conference Center

Hampton University  
Hampton, VA

Meal Costs:

Members & Guests \$20.00

Students \$10.00

No meal charge for presenters.

**There is no charge to attend the technical presentation.**

## Student Paper contest at Hampton

Students from each of our local chapters will compete for prize money and the honor of representing the IEEE Hampton Roads at SouthEastCon.

The winners will compete at the SouthEastCon Student Paper Contest.

## Section Chair's Speaks Out

First, I would like to wish everyone a good and prosperous New Year. I hope everyone has rested over the holidays and is ready to tackle the New Year. This month will begin the terms for a new set of officers to continue with the growth and viability of the Hampton Roads Section (HRS). I volunteered to be chair for one more year, glutton for punishment. Tim Gavin has moved up to the position of Vice Chair, William Clayton has swapped with Tim to be Treasurer and Robert Dawes has volunteered (i.e. strong armed) to be Secretary. Next year we hope to bring on additional new blood or at least some old blood that has come alive again.

This year, we hope to plan an event that the entire family can attend. One suggestion that has worked with other sections is a technical talk on wine with wine tasting coming at the end. Since we have a wine expert at ODU and wineries in Williamsburg, this should not be too difficult to arrange. If you have other suggestions, come to a meeting and express your views.

I was a delegate to the IEEE World Sections Congress in DC last fall. This event brought people all over the world to set the agenda for IEEE over the next three years. This event was enlightening to be a participant in the process of setting policy for a large organization with such a diverse body in such a smooth and efficient way. Maybe, this is what's wrong with politics; no engineers in congress. There is a list of recommendations that was found to most important. Should we generate our own list? Is unemployment something that we should be addressing?

Our section is supporting a team from HU for the Hardware Design Contest to be held at Southeastcon03 in Ocho Rios, Jamaica in April. The HRS website has the students design presentation and will give you an idea on what the design rules are and their preliminary design. If you can help or give suggestions it will be appreciated. Remember, part of our role is to insure that competent engineers are produced. The winner will present their work at Southeastcon03. Come and support the future of IEEE.

Happy New Year

William Edmonson, Section Chair

Hampton University

[wedmonson@ieee.org](mailto:wedmonson@ieee.org)

SOUTHEASTCON 2003

April 4-6, 2003

Renaissance Jamaica Grande Resort, Ochi Rios, Jamaica



**The IEEE Region 3 Newsletter**, February 2003 is now available at <http://ewh.ieee.org/reg/3/enewsletter/vol18no1>.

Inside this issue:

1. The Director's Report from Jim Howard - Region 3 Director.
2. "Bridging the Digital Divide," [SoutheastCon 2003](#), April 4-6, 2003
3. 2002 IEEE Region 3 Awards
4. Executive Committee (Excom)

Who is running this outfit and how do I get a hold of them. Check it out by selecting the link to "Who's Who in the Region 3 Executive Committee" or visiting <http://www.ewh.ieee.org/reg/3/excom/comp.html>

5. Southcon 2003

Solutions for the Electronics Design, Manufacturing, and Test Team, Southcon 2003, March 19-20, Tampa Convention Center. Details at <http://WWW.southcom.org>.

#### ***We're on the Web***

[http://ewh.ieee.org/r3/hampton\\_roads](http://ewh.ieee.org/r3/hampton_roads)

IEEE congratulates our 324 new Senior Members elevated as of January 2003. The last A&A panel meeting was held on 18 January 2003 in Red Bank, NJ.

The Senior Member Update with the names of these new Senior Members by Region and Section. It is also posted on the web at <http://www.ieee.org/ra/md/smupd/jan03smupdt.htm>.

#### **The Engineers' Club of the Virginia Peninsula (ECVP) February Program.**

Date: February 20, 2003

Location: The Mariners' Museum, Newport News, VA

Time: 5:30 PM

Cost: Free, open to the public

Speaker: Dr. John Broadwater, Manager of the Monitor National Marine Sanctuary.

Program: "Saving the Monitor", a review of how the Monitor was recovered and current preservation efforts.

A tour will be conducted of the Monitor portion of the "Defending the Seas" gallery. Next a tour of the conservation area (where the Monitor's propeller, engine, and turret are undergoing conservation treatment) will be conducted. Following both tours Dr. Broadwater will give an illustrated slide presentation, "The Race to Save the Monitor."

Reservation Contact: John Zinske for reservations: (757) 688-8699 or E-mail: [zinskie\\_jh@nns.com](mailto:zinskie_jh@nns.com). before Tuesday February 18, 2003.

#### **Renew your IEEE membership for 2003.**

As you but of for the 2003 membership year, visit <http://www.ieee.org/renewal> to review an informative guide to customizing your membership. Here, you will find details on the 37 IEEE Societies, additional membership options, first-rate IEEE technical publications and the new IEEE Member Digital Library. Any questions? Contact IEEE Member Services at [member-the-opening-services@ieee.org](mailto:member-the-opening-services@ieee.org).

#### **March Meeting**

March 20 — Wireless Bootcamp

Presenter—Tom Flake of Telion

[Rom Thai Restaurant](#)



**National Engineers Week®**  
February 16-22, 2003





## National Engineers Week 2003

February 16-22, 2003

*Turning ideas into reality*

### Engineers Week Banquet *The Three Gorges Dam*

The Three Gorges Project is the world's largest dam project in the world. The Three Gorges Project will be about four times the size of the Hoover Dam when completed. The project is a multi-purpose hydro-development aimed at flood control, power generation and navigation improvement. The project is quite controversial. The talk will cover the pros and cons of building the dam, some of the design features and the progress made up to September of 2002.

Take pride in your profession and come help us celebrate National Engineer's Week. The program will be appropriate for engineers and non-engineers. Guests are welcome.



#### Engineers Week Celebration Dinner Thursday, 20 February 2003

6:00 P.M. Social

6:30 P.M. Dinner

7:30 Program *Three Gorges Dam*

Dr. Charles Morgan

Evers Family Restaurant  
US 11, Mt. Crawford, VA

I-81, Exit 240, Go West 1 mile to US 11,  
North ½ mile to Evers on the Right

*Please make reservations to Howard Arthur  
by 11:30 A.M. on 17 February:*

**E-Mail:** [ARTHURJH@VMI.EDU](mailto:ARTHURJH@VMI.EDU)

**Voice:** 540 464 7581

**COST:** \$11.00 per person, \$ 6.00 for students.

Dr. Charles Morgan graduated with a BS ME from Stevens Institute of Technology in 1956. He received his MS ME in 1960 from R.P.I and his Ph.D. from Lehigh University in 1965. He attended the Oak Ridge School of Reactor Technology in 1958. He worked for Combustion Engineering from 1956 to 1960. From 1960 to 1964 he was an Instructor of Mechanical Engineering at Lehigh. Dr. Morgan was employed in the Nuclear Division of Babcock and Wilcox from 1964 to 1986 where he managed the Technical Staff from 1972 to 1980 and was a Senior Technical Consultant from 1980 to 1986. After leaving B&W, Dr. Morgan taught at Virginia Military Institute from 1986 to 2001. In 2001, he retired from VMI as Professor and Head of the Department of Mechanical Engineering.