



IEEE *The Open Channel*

Newsletter for the Hampton Roads Section

http://www.ewh.ieee.org/r3/hampton_roads/

The Institute of Electrical
and Electronics Engineers, Inc.

April 3, 2003

Hampton Roads IEEE Meeting

April 17, 2003

6:00 PM Exec Committee

6:30 PM Social

7:00 PM Dinner

8:00 PM Technical

Presentation

Speaker: Walter E. Gregg, Jr.

Sam's Seafood Restaurant

23 Water St.

Hampton, VA

757.723.3709

Meal Costs:

Members & Guests: \$20.00

Students: \$10.00

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

Electric Drives Past, Present and Future

Speaker Abstract for April 2003

Mr. Walter E. Gregg, Jr. will present descriptions of the various types of electric drives that have supplied adjustable speed sources of power. The past includes most of the drives now in use as well as obsolete ones. The present describes drives being bought for use now. The future projects drives now being introduced to industry and what is expected to be developed.

Walter E. Gregg, Jr. attended Cornell University and has a degree in Electrical Engineering and is a Life Senior Member of the IEEE. His work experience includes: Baltimore Gas & Electric Co. Test Department; a Manufacturers Representative for the Dynamatic Division of Eaton Corp. at Gregg & Spohn in Cincinnati, Ohio and Gregg & Associates in Caldwell, N.J.; a Marketing Manager for Eaton Corp. Drives Division in Cleveland, Ohio; and Consultant for Charters of Virginia, Inc. in White Stone, VA.

Mr. Gregg has presented a number of papers including: *Electric Drives in The Paper Industry* to Paper Industry Managers Association; *Constant Potential DC vs. Solid State Crane Control* to American Iron & Steel Engineers; and *Electric Drives Past, Present & Future* to Industrial Seminar Jacksonville, FL.

Hampton Roads 2003 Officers

Chair: Dr. William Edmonson
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Vice Chair: Tim Gavin, P.E.
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Secretary: Dr. Robert Dawes
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Treasurer: William Clayton
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William LaBelle
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Committees

Professional Development
Student Activities
Educational Activities
Awards

Wine Tasting Event and more

May 2003

Many of our Hampton Roads members may recall that your section would have at least one meeting a year that would be attractive to ones significant other. In May the IEEE Hampton Roads Section will forego a technical meeting for a more social affair. The topic for the May 15, 2003 will be Wine Tasting.

For this meeting the EXCOM is considering a visit to the Williamsburg winery or a night at Town Point Club in Norfolk. You can help with this decision by calling in your choice. Contact Tim Gavin (757) 827-1786 x313 or email for information, comment, or selection. Information on the Williamsburg winery can be found at: (<http://www.williamsburgwinery.com/pages/main.htm>).

In addition to Wine Tasting there will a drive to elevate members from a grade of 'Member' to a grade of 'Senior Member'. Of the 500 of the sections active membership hold a grade of 'Member' almost 400 may be eligible for upgrade. Information on requirements for elevation from 'Member' to 'Senior Member' can be found at

<http://www.ieee.org/organizations/rab/md/smprogram.html#Requirements>.

Region 3 Websites

R3 Web Site: <http://www.ewh.ieee.org/reg/3/>

Hampton Roads Web Site: http://www.ewh.ieee.org/r3/hampton_roads/

ETI Web Site: <http://ie3eti.eng.uab.edu/>

ETI Authorization: eti-info@eng.uab.edu

IEEE-USA TODAY'S ENGINEER topics:

- Consulting Engineers are Financially Secure

As the engineering workforce adjusts to a lean economy, many self-employed IEEE members are finding that a career in consulting is both fulfilling and lucrative. Chris McManes reports on the results of a survey conducted by IEEE-USA's Alliance of IEEE Consultants Networks (AICN) (<http://www.ieeeusa.org/business/2002feesurvey.pdf>).

- Leaders and Farmers

How is a business leader like a farmer? Harry Roman sees many similarities between leaders and farmers, and valuable lessons to be learned by looking at a business leader's responsibilities — through the eyes of a farmer.

Also in TE

- Cyber Security: Will the Bush Administration Strategy Make a Difference?
- R&D in the President's FY 2004 Budget

Read the complete articles and other at the Today's Engineer web site (<http://www.todaysengineer.org/>).

Local Engineering events

With the April 2003 edition of *The Open Channel* I have assumed the duties as IEEE Hampton Roads Newsletter Editor.

As with my predecessor if you are organizing or sponsoring a local event of interest to the engineering community, let us know! Send your event announcement to me, William LaBelle (w.labelle@ieee.org), for publishing in the next edition(s) of *The Open Channel*. Additionally, your event can be announced, or a link established, on the section web site. The section newsletter reaches about 1000 local IEEE members each month. It is a free resource that you can't ignore.

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