

September 2003See us on the WEB at: www.ewh.ieee.org/r2/susquehanna

September Section Meeting

NO REGULAR SECTION MEETING

Unfortunately, plans for a tour in September were not able to be accommodated by the group involved, and our backup plans could not be put in place in time. Therefore there is no regular Section dinner and meeting in September. Plans are still on track to resume our fall meetings in October.

BUT, the good news is that we have two other Section meetings this month that you can attend. See below under Consultants Network and Call for Nominations.

Consultants Network Meeting

The Consultants Network IEEE Affinity Group will have a dinner meeting on Tuesday, September 9, 2003 at 6:30 PM. Please email Stan Telson at st@qspp.com by September 3 to express interest in attending. If you are a consultant, interested in consulting, or in using a consultant, then you should come and network with the professional consultants. One plus is to find out about the IEEE national consultant's database. Another plus is to help keep this useful group alive and growing in our Section.

Call for Nominations/Planning Meeting

All Section members are asked to submit nominations, including self-nominations, for Susquehanna Section officers for year 2004. The primary offices that are open for election are Chair, Vice-Chair (Programs), Treasurer and Secretary. Although some natural rotation may occur, we consider all offices open for nomination. If nominating someone other than yourself, be sure to get that person's concurrence. Submit nominations to Vice-Chair Ed Simoncek at simoncek@ieee.org or 717-243-0889.

The only qualifications are membership in IEEE and a desire to serve. It is helpful if Section Officers can attend Section Meetings as schedules permit. None of these volunteer positions are difficult, and the more people that get involved,

even in a small way, the easier it gets for all of us.

Please submit nominations by September 16. An open Section Officer's Planning meeting is planned for that evening to review nominations received and accept any further nominations. We will also take a look at our 50th year anniversary and meeting plan ideas for 2004.

The meeting will be held at 6:30 PM, and will include dinner. All are welcome, but please let us know you are coming by notifying Ed Simoncek by email or telephone as shown above. Details of the meeting will then be sent to you.

There are other volunteer committee positions also available. In particular need are members for the Program Committee and a GOLD Chair (Graduates of the Last Decade). Look at the list of positions in the box at the bottom of the last page of this newsletter. All these opportunities will be discussed at the September 16 Planning Meeting.

Section History Needed

As part of our IEEE Susquehanna Section 50th Anniversary Celebration this year, we would like to publish some of the Section early history. If you have any knowledge of how the Section got started, who was involved, or any other details of the early years, pass it along to Vice-Chair Ed Simoncek (see addresses in the Useful Info Column). Any other pieces of historical information over the entire period of our existence would also be helpful. In particular, we are looking for the names of the Susquehanna Section Chairs from 1953 (AIEE) through 1966 (IEEE).

2003 Tentative Schedule of Events

Tuesday, October 14

50th Anniversary Dinner

Tuesday, November 11

Tuesday, December 9

PE Exam Reviews

**Dear Student or Engineering Professional:
Planning on taking the Fundamentals of Engineering or
Professional Engineering Exam in April 2004?**

Penn State Harrisburg is offering the Fundamentals of Engineering and the Civil/Sanitary/Structural, Environmental and **Electrical Professional Engineering Review** courses starting in the fall 2003.

They are taught by engineering faculty as well as professional engineers working in the field and prepare you to take the exam by practicing problem solutions, minimizing test anxiety and establishing built-in study time.

For course and registration information contact:

Brenda L. Firestone
Penn State Harrisburg
717-948-6538, blf3@psu.edu
or visit the website
<http://www.hbg.psu.edu/ce/noncredit/profengrev.shtml>

Penn State Harrisburg Openings

Penn State Harrisburg's School of Science, Engineering, and Technology (SSET) has openings in the Fall 2003 semester for part-time instructors to teach the following courses:

1. COMMUNICATION SYSTEMS PERFORMANCE ANALYSIS (EE 459) - Probability fundamentals, digital/analog modulation/demodulation, system noise analysis, SNR and BER calculations, optimal receiver design concepts, introductory information theory.
2. LINEAR CONTROL SYSTEMS (EE 527) - Continuous and discrete-time linear control systems; state variable models; analytical design for deterministic and random inputs; time-varying systems stability.

The minimum qualification for the position is M.S. degree in electrical engineering; systems science or other related engineering disciplines. However, applicants with Ph.D. degree are preferred, especially for EE 527. Please contact Dr. Jerry F. Shoup at (717) 948-6114 or by e-mail at jfs1@psu.edu for more details.

Send curriculum vitae to Dr. Jerry F. Shoup at Penn State Harrisburg, 777 W. Harrisburg Pike, Middletown PA 17057. Applications will be accepted through August 22, 2003 or until position is filled. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

IEEE Financial Programs

From group insurance to credit cards to mortgages and everything in between, the IEEE Financial Advantage Program connects you to a variety of non-technical products and services specially negotiated exclusively on behalf of IEEE members and their families. See all we have to offer by visiting us on the web at <http://www.ieee.org/fap>.

IEEE 2004 Dues

2004 Dues to Increase Slightly. *Basic dues for 2004 will be US\$113 [plus a regional assessment], an increase of \$3, which is about the rate of U.S. inflation. The regional assessment will increase by \$1 to \$34 in the US. Student dues remain the same at \$30 in the US. A portion of the dues is rebated to our Section depending upon the number of members in the Section. Read more at www.theinstitute.ieee.org/.*

Career Help

IEEE Job Site Partners with CareerCast. Thanks to a partnership with one of the Internet's premier career web sites, enhancements to the IEEE Job Site make finding your next Engineering position faster and easier and allows you to log in using your IEEE Web Account. Find out more at <http://careers.ieee.org>

Members can use the IEEE Job Site to create a profile of your ideal job and update it anytime. Jobs matching the profile can be viewed immediately, or automatically sent via email. You choose how much of your identity and information to give to an employer.

Employers can post jobs, search resumes and prescreen candidates, all of whom are highly skilled IEEE Members. You can place banner ads or classified or display advertising.

IEEE-USA

IEEE-USA is an organizational unit of the Institute of Electrical and Electronics Engineers, Inc. created in 1973 to support the career and public policy interests of IEEE's U.S. members.

Mission: To recommend policies and implement programs specifically intended to serve and benefit the members, the profession, and the public in the United States, in appropriate professional areas of economic, ethical, legislative, social and technology policy concern.

Vision: To serve the IEEE-USA member by being the technical professional's best resource for achieving life long career vitality and by providing an effective voice on policies that promote U.S. prosperity.

Read more at www.ieeeusa.org.

Call for Award Nominees

The Central PA Engineers Week Council is looking for nominees for Engineer of the Year; Young Engineer of the Year; and Technical Achievement Award. The Engineer of the Year award must have PE license, Young Engineer must have PE or EIT, but neither is required for the Technical Achievement award. Member organizations (like our IEEE Section) can submit more than one candidate. Information and forms can be found on the web site www.CPEWC.org and must be made before 28Nov2003, and must be endorsed by the member group. Contact Bob Klinger at rklinger@attorneygeneral.gov if you have an IEEE candidate. Awards will be presented at the annual dinner in February 2003.

Volunteer Speakers Needed

The Central Pennsylvania Engineers Week Council is looking for volunteer speakers for their Engineer Outreach Program. Speakers will visit the various schools in: Adams; Cumberland; Dauphin; Lancaster; Lebanon; Perry and York counties. Our volunteer speakers are qualified to speak on how Mathematics and Science relates to the Engineering field, along with "hands on" demonstrations. Additional information can be found on the web site www.CPEWC.org.

John McCormick is the contact person and his phone number is 717-533-6516 and email is jhmccormick2002@yahoo.com. Please contact John if you can be assistance on this or his Shadow Program.

Welcome New Editor

A Susquehanna Section Welcome to our new Printed Circuit Newsletter Editor, Vittal Balasubramanian. Vittal is a Graduate Assistant at Penn State Harrisburg in Electrical Engineering, and does tutoring at the college as well as being employed in their data center. Information regarding the newsletter can be sent to Vittal at b.vittal@ieee.org.

Useful Information Column

Susquehanna Section Co-Chairs

Larry M. Brown PE 717-561-9803 lbrown007@att.net	Omid Ansary 717-948-6353 axa8@psu.edu
--	---

Vice Chair and Program Chair

Ed Simoncek
simoncek@ieee.org
Telephone: 717-243-0889
FAX: 717-243-5538

Newsletter Editor

Vittal Balasubramanian
b.vittal@ieee.org
Telephone 717-439-2257

Webmaster

David Sarraf
david.sarraf@paonline.com

Q/A-C Column

Do you have any questions or comments? Call, email or FAX it to our Co-Chairs at the above addresses.

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye <mes121@psu.edu> or Jack Eckerd. If you would like to convert from paper copy mailing of the Newsletter to WEB page delivery, please notify AB Shafaye, who serves as our Publisher.

Address Changes and Updates

There are several ways to correct member information with IEEE. They update their directory from the information you provide, and pass the changes to us monthly. Keeping your address information up to date will ensure accurate mailings.

- There is a WEB based interactive "change of address" form at: <http://services1.ieee.org/membersvc/coa/intro.htm>
- You can send an email to: address-changes@ieee.org
- Call IEEE Member Services at 1-800-678-IEEE
- Mail changes to
IEEE
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
- FAX changes to 1-732-981-9667

Advertisements

Card Size: \$15/month
Page: \$75/month

<p>Current Officers Co-Chairs Omid Ansary & Larry Brown Vice Chair & Programs Ed Simoncek Treasurer Mike Woodford Secretary Aldo Morales Newsletter Editor Vittal Balasubramanian Webmaster David Sarraf</p>	<p>Awards Central PA Engineering Counsel Rep. Bob Klinger Consultants' Network Stan Telson Educational Activities GOLD Coordinator Local Professional Activities Bob Klinger</p>	<p>Membership Development PACE Sedig Agili Publisher AB Shafaye Student Activities Members at Large Horst Gerlach Ernest Guenin</p>
---	--	--