

December 2004

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

December 2004 Section Meeting

Cumberland County Emergency 911 Center Tour

Date: Tuesday, December 14, 2004
Dinner: On-your own
Hoss's Restaurant
Time: 6.00 PM
Tour Location: 911 Center
(Directions below)
Contact: (by email if possible)
Bob Klinger
717-712-1300
E-mail: rklinger@attorneygeneral.gov
RSVP to Bob Klinger, rklinger@attorneygeneral.gov, by noon on 12/13/04 so we can get the count right for our tour guides. Please reserve early to ensure you are able to go!

December's Program

The December tour should be an interesting one. All of us know to call 911 when in trouble, but do you know what it takes behind the scenes for the system to work effectively? Here's your chance to have a look. Information on the Cumberland County Emergency Center can be found on www.ccpa.net. Click on "Public Safety", then click on "Public Safety" again and you will find a world of information on their web site.

Our tour guide Douglas Glass, Deputy Director of Cumberland County, OEP/Communications will comment on the emergency response of the County during the Three Mile Island Nuclear incident, the Camp Hill prison riots and the recent police event during an 800mhz communications collapse. It will be an interesting evening.

November's Program

While not widely attended (about 20 members), our November meeting at the Harley-Davidson factory in York was an important experience of the diverse companies that make the region so valuable. The tour covered various assembly processes, a shamelessly interesting amount of "chrome," and just hinted at some of the "EE" content in the bikes - for example, each engine control computer is set up (downloaded) during assembly specific to the destination of the bike. Apparently, "California" bikes perform differently, or tighter

emissions regulations. So if you missed this tour at its odd date and time, take a look at the more normally dated/timed December program.

Directions to the 911 Center

FROM PA TURNPIKE: Exit 326 (old exit 16), Carlisle; take route 11 South .9 miles to second traffic light. Turn left (Sheetz store on right) onto Harmony Hall Drive. Go .4 miles to Stop sign. Turn right onto Claremont Road. Look for large Communications tower on right and find the parking lot. Cumberland County 911 Center is in the basement of the Cumberland County Prison; look for signs.

FROM CAMP HILL: Take Route 11 South to PA Turnpike; find exit and follow above directions.

Directions to Hoss's Restaurant

Directions to Hoss's are same as the 911 center. Take Route 11 South towards Carlisle. Hoss's is located on the left side of the road about 2/10th of a mile from the Carlisle turnpike interchange.

January Meeting: Advance Information

The meeting for January 11th will be a tour of the Main Post Office on Crooked Hill Road in Harrisburg. Special attention will be given to the unique HVAC and security systems along with the state-of-the-art mail processing equipment. The tour will start at 7:30PM at the facility. Dinner that night will be "on your own" due to the high probability of weather related issues. There are numerous good restaurants in the area that will easily handle our needs. More details will follow in the January Newsletter.

Wanted: Tour Locations & Guest Speakers

We are always looking for great speakers and interesting tour locations. Please email Stan Telson st@qspp.com if you have any to suggest; a member of the Program Committee will follow-up on any lead. By pattern, we often reserve the winter months (except February, which is our dinner meeting with the Central Pennsylvania Engineering Week Council) for tours (so we don't have to risk a catering bust due to weather). We also hold two "free for students" dinner meetings (at the local Universities/Colleges) per year, with the lectures containing somewhat more technical content. We are scheduling from March through the end of 2005. We don't meet during

June/July/August, of course.

Consultants Network: Meeting & Directory

The Susquehanna IEEE Consultants Network (CN) held its first-ever meeting by teleconference on Monday 11/29/04. Topics included introductions, career issues, and generating referrals. We are meeting (also by call-in) on the last Monday of each month at 12 Noon to 1 p.m. The next meeting will be on 12/27/04. Please email Stan Telson st@qspp.com to receive instructions on how to call in. Future CN meetings will include spotlight time for members to share their competencies. Participating members of the CN and their consulting specialties (which we will publish each month until we have a large enough roster to warrant another publication method) are as follows (each listing is independent, no endorsement/liability by IEEE, Section/Officers):

Consultants Directory – Call to discuss your projects

- Roy Hoffer, P.E.- 717-569-9332 - Forensic Reports, Product Defects
- Ron Locati - rlocati@connectorconsultants.com
Electromechanical Devices, Electrical Connectors
- Stan Telson - st@qspp.com - Technology Strategy, Predictable Results
- Joe Wible - jbwib1@aol.com- Internal Combustion Engine Instrumentation

Penn State Harrisburg: Instructor Needed

The Pennsylvania State University, Capital College, Harrisburg Campus, School of Science, Engineering, and Technology (SSET) has an opening for a part-time instructor to teach a four credit course in **Control System Analysis & Design, E E T 433** in the Spring, 2005 semester. The course covers classical and modern control analysis and design approaches, such as Laplace and state-space, aided by analog and digital computers.

The minimum qualification for the position is a M.S. degree in electrical engineering; systems science or other related engineering disciplines. However, applicants with Ph.D. degree are preferred. 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, Box IEEE, 777 W. Harrisburg Pike, Middletown PA 17057. Applications will be accepted until position is filled. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

Useful Information Column

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Q/A-C Column

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

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafayemes121@psu.edu or Vittal Balasubramanian b.vittal@ieee.org. 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
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- FAX changes to 1-732-981-9667

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