

January 2008See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>**January 2008 Section Meeting****“Pennsylvania Statewide Radio Network”**

Join us for our January 2008 meeting to attend a program on the Pennsylvania Statewide Radio Network.

- Date:** Tuesday, January 8, 2008
Time: 6:30 PM - Dinner
7:30 PM - Presentation
Program: Pennsylvania Statewide Radio Network
Presenters: Dr. Jon Spanos, OPRS Director of Customer Support
Place: Susquehanna Room in Myer Hall, Elizabethtown College, Elizabethtown, PA
Dinner Cost: \$15, \$8 for students
Contact: Please contact Robert Klinger, at Presklinger@aol.com or 717-731-9149. Email is preferred.
RSVP by Wednesday 01/02/08
Menu: London Broil with mushroom Bordelaise Sauce, Salmon with cucumber dill sauce, Roasted red potatoes, Broccoli, cauliflower, carrot blend, Garden salad, Rolls/butter

The Office of Public Safety Radio (OPRS) is under the Governor's Office of Administration. OPRS oversees the design and development of the Pennsylvania Statewide Radio Network (PA-STARNet), operates and maintains its infrastructure, and supports and regulates its use for the benefit of all agencies requiring two-way radio communication. OPRS also takes a leadership role in establishing interoperable communication not only among agencies of the Commonwealth government, but also with public safety organizations at all levels of government.

Directions

From Harrisburg: Take Route 283. Follow 283 East to Elizabethtown/Hershey exit and turn right at the end of the ramp onto Route 743 South. Travel south on Route 743 to Elizabethtown. Turn left on Market Street (Route 230). Go past College Avenue and turn left onto Cedar Street. Follow directions from Cedar Street below.

From Lancaster: Travel west on Route 283 to the Elizabethtown/Rheems exit. Turn left at end of exit ramp onto Cloverleaf Road and proceed one mile to Route 230. Turn right

and travel west to Elizabethtown. You will be on South Market Street. Several blocks past Lemon Street, turn right onto Cedar Street. Follow directions from Cedar Street below.

From York: Take Route 30 East. Get off after crossing the river and follow Route 441 north. Turn right on Route 743. You will go through Maytown and enter Elizabethtown. Turn left onto South Market Street. Travel several blocks and turn right onto Cedar street. Follow directions from Cedar Street below.

From Cedar Street to Myer Hall: You will see the college on your left. Park in the Elizabethtown Church of the Brethren parking lot at Mount Joy and Cedar Streets. Walk across Cedar Street to Myer Hall. Enter the Susquehanna Room by way of the ramp.

You can access other directions to Elizabethtown College at www.etown.edu/web/directions and find campus maps at <http://www.etown.edu/campustour/campusmap>.

December Section Meeting

Our December meeting was hosted by Phoenix Contact in Middletown, PA. The meeting was attended by almost 30 members and 5 students. We began with a tour of their manufacturing facility. We were shown a circuit board manufacturing line, including automated pick-and-place machines for surface mount boards, semi-automated stuffing machines for through-hole components, a wave soldering machine, and various inspection stations including an optical or camera-based machine and some bed-of-nails testers. We also saw a semi-automated cable assembly area, where cables were cut to length, prepped, then overmolded to make them water-tight. Most would agree that the high point of the manufacturing tour was their 20-foot long fully-automated connector assembly machine, which inserted contacts and screws into connector bodies. We then proceeded to the main office building, where we were served a nice meal and heard a presentation about wireless networking. Component separation can range from just a few feet to several miles. Uses of wireless networking include inter-machine communication, long-range telemetry, and wire bundle replacement. The talk was interesting and generated several good questions. We were invited to return to Phoenix in 2009 after construction of their latest manufacturing facility has been completed. Arnold Ossner and Patty Morerro of Phoenix were excellent hosts and gave the section a very nice tour. We look forward to returning.

Great News

At the Central Pa Engineering Week Council latest meeting, the awards committee made their final announcement. AB Shafaye and Robert Horst received the Technical Achievement Award and Engineer of the Year Award respectively. This is for the first time that the IEEE has won this number of awards. Thanks to everyone who helped make this possible. It is a high time for our group getting the recognition it deserves. Thanks to Larry Brown who helped moving this along with the committee.

Congratulations to AB and Robert for their great achievement!

IEEE Foundation 2008 Grant Announcement

The IEEE Foundation, Incorporated, the philanthropic arm of the IEEE, is committed to improving the technological literacy of society from childhood through adulthood. One way the IEEE Foundation seeks to achieve this goal is by awarding grants to new and innovative projects. During 2008, unsolicited applications will be accepted in three cycles from IEEE units and other organizations working in areas of relevance and importance to the IEEE and its membership. For information about the type of projects, deadline, and application information, please visit:

<http://www.ieee.org/organizations/foundation/grants.html>

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 address.

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye mes121@psu.edu or Soheil Tofighi mtofighi@psu.edu. 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

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