

February 2009See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>

2009 Engineers Week Celebration Banquet

All members are invited to attend this year's Engineers Week Celebration Banquet sponsored by the Central Pennsylvania Engineers Week Council (CPEWC).

- Date:** Thursday, February 19, 2009
Time: 5:30 p.m. – Social Hour (Cash Bar)
6:00 p.m. – Dinner
7:00 p.m. – Program
Location: West Shore Country Club, Camp Hill, PA
Dinner Cost: \$25.00, \$15.00 for students
Menu: Entrée choice of NY Strip Steak, Parmesan Encrusted Chicken or Smoked Mozzarella & Asparagus Ravioli (vegetarian) served with tossed salad, side dish, rolls, beverages, and dessert.
Program: Engineering the weather - parallels between engineering and meteorology
Presenters: Tom Russell, CBS 21, Chief Meteorologist
Registration: For reservation and additional information, see the enclosed form.

Directions

The West Shore Country Club should be clearly shown on any Harrisburg area map. One route is to get on US 581 (which connects Interstate routes 81 and 83 on the west shore), and take the Camp Hill Exit, Route 11/15 North. Proceed on routes 11/15 and turn left on Brentwater Rd.

January Section Meeting

Our section held its monthly meeting at ITT-Technical Institutes, Harrisburg Campus, on Jan. 13. Eighteen IEEE members, students, and instructors from ITT-Tech attended the event. After a welcome by the Institute's Director, a presentation was given by Dr. Marjorie A. Rawhouser, Chair of the School of Electronics Technology. Marjorie went over the various programs associated with the Technical Institute. She also gave thanks to Larry Brown and Robert Zeigler who were guest speakers for the institute. Following the presentation, the attendees toured the institute's classrooms and lab facilities.

The institute has just moved to the Harrisburg location from their old Mechanicsburg location, as the institute needed more space for their operations. At the present time, the institute has over 300 students enrolled in its programs.



IEEE Members Receive CPEWC Awards

It is a great pleasure to announce that two of our members recently received this year's CPEWC awards. Our section's previous chair, Dr. Aldo Morales, from Penn State Harrisburg, obtained the Technical Achievement Award, and Jason Piatt, from Praestar Technology Corporation, received the Young Engineer of the Year award. Congratulations to both of them!

Counties Served: Adams, Cumberland, Dauphin, Franklin, Juniata, Lancaster, Lebanon, Mifflin, Montour, Northumberland, Perry, Snyder, and York.



**ENGINEERS
WEEK® 2009**

FEBRUARY 15-21

The Central Pennsylvania Engineers Week Council invites you to spend an evening with your colleagues as we celebrate Engineers Week and honor several outstanding individuals in the engineering community.

Engineering the Weather

... parallels between engineering & meteorology

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Price: \$25.00; Students \$15.00

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Location: West Shore Country Club, Camp Hill, PA

Guest Speaker: Tom Russell, CBS 21, Chief Meteorologist will speak about drawing parallels between engineering and meteorology.



About the Speaker

Tom Russell has been the Chief Meteorologist at CBS 21 since 2002. He loves all of Pennsylvania's challenging weather: hot summers, cold winters, floods, drought, rain and snow! The most significant weather events Tom has covered in the mid-state are the Campbelltown tornado in the summer of 2004 and the President's Day snowstorm in February of 2003.



Tom's career has taken him all over the country, but he is happy to call Central Pennsylvania home. He serves on the board of the American Cancer Society and is actively involved in the Leukemia and Lymphoma Society. Along with CBS 21, Tom hosts the Jerry Lewis Labor Day Telethon each year. He is a member of the American Meteorological Society as well as The National Weather Association and holds the seal of approval from both organizations.

2009 National Engineers Week Celebration Banquet RSVP Form

(copy form as needed)

Name _____ Phone _____

Entrée Choice: NY Strip Parmesan Encrusted Chicken
 Smoked Mozzarella & Asparagus Ravioli *(vegetarian)*

Name _____ Phone _____

Entrée Choice: NY Strip Parmesan Encrusted Chicken
 Smoked Mozzarella & Asparagus Ravioli *(vegetarian)*

Name _____ Phone _____

Entrée Choice: NY Strip Parmesan Encrusted Chicken
 Smoked Mozzarella & Asparagus Ravioli *(vegetarian)*

Name _____ Phone _____

Entrée Choice: NY Strip Parmesan Encrusted Chicken
 Smoked Mozzarella & Asparagus Ravioli *(vegetarian)*

Total # _____ @ \$25 / person = _____

Student # _____ @ \$15 / person = _____

Total Amount Enclosed \$ _____

Make checks payable to:
Central PA Engineers Week Council

Detach and mail RSVP along with payment by
February 6, 2009 to: Ronald J. Spacht
c/o URS Corporation
4507 North Front Street, Suite 200
Harrisburg, PA 17110

Please Note: No phone RSVP's will be accepted. No refunds or cancellations after noon, Friday, February 13, 2009.



Penn State Harrisburg Will Host Region's Third Signal Integrity Symposium

On April 14, Penn State Harrisburg's Center for Signal Integrity will host the third Central Pennsylvania Symposium on Signal Integrity. Currently, the following speakers are scheduled to give a presentation in the symposium: Dr. Raj Mitra, a world-known researcher in the field of Engineering Electromagnetics, from Penn State University Park, Dr. Howard Heck from Intel, Dr. Jun Fan, from Missouri University of Science and Technology, Dr. Jon Martens from Anritsu, and Dr. Ransom W. Stephens, a well-known physicist and Signal Integrity engineer. In addition, we expect to have SI vendors such as Agilent, Tektronix, and Anritsu that will show the latest measurement instruments for high speed digital signals. The symposium is co-sponsored by IEEE Susquehanna Section.

Signal integrity involves the quality of electrical signals passing through connectors used in electronic devices like computers or cellular phones. Known as the "connector capital of the world," the Harrisburg metropolitan area is home to more than 25 electrical connector companies. Dr. Sedig Agili and Dr. Aldo Morales, electrical engineering faculty members at Penn State Harrisburg, estimate that the region holds 80 to 90 percent of the U.S. connector market and about half of the market worldwide.

The Center for Signal Integrity assists Central Pennsylvania's numerous connector companies with product development by fostering collaboration between them and the college's engineering faculty and students.

For more information, contact Dr. Aldo Morales (awm2@psu.edu).

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.

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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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