

**February 2012**

 See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>
**February 2012 Section Meeting**
**"2012 Engineers Week Celebration Banquet"**

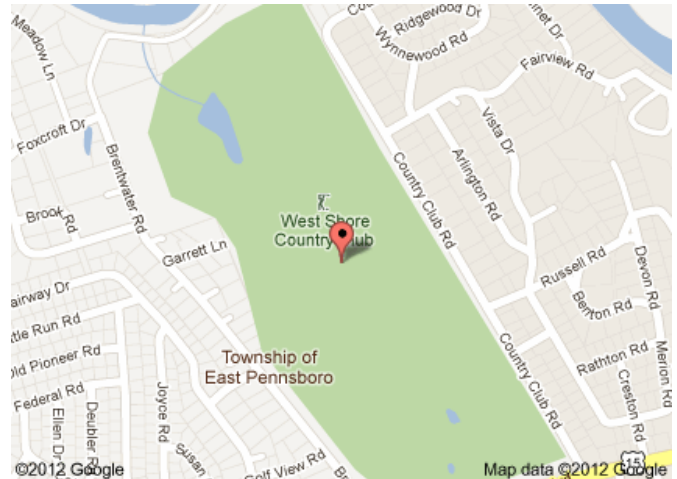
This year, the Engineers Week is on February 19-25. All members are invited to attend the Engineers Week Celebration Banquet sponsored by the Central Pennsylvania Engineers Week Council (CPEWC). This is an evening to celebrate Engineers Week with your colleagues and honor several outstanding individuals in the engineering community.

- Date:** Thursday, February 23, 2012  
**Time:** 5:30PM: Social (cash bar)  
 6:00 PM: Dinner  
 7:00 PM: Presentation  
**Price:** \$30.00; Students \$15.00  
**Menu:** Entrée choice of Prime Rib, Parmesan Encrusted Chicken or Roasted Vegetable Ravioli (vegetarian) served with tossed salad, side dish, rolls, beverages, and dessert  
**Location:** West Shore Country Club  
 100 Brentwater Road, Camp Hill, PA  
**Speaker:** Rory A. Cooper, Ph.D.,  
 University of Pittsburgh  
**Topic:** Advances in Prosthetics - An overview of advances in the development and implementation of prosthetic devices emphasizing technologies and techniques applied to military and veteran populations. Topics will include blast injuries, holistic approaches to rehabilitation, sports and recreation as performance goals, and advances through robotic applications.  
**Registration:** **RSVP to Pat Dougherty by 2/10/2012**  
 RSVP form and details available at [www.cpewc.com](http://www.cpewc.com)

\* Attendees of the program are eligible for one PDH.

**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.


**Job Listing: Embedded Software Engineer**

C&D Technologies Inc. has an outstanding opportunity for an Embedded Software Engineer with some of the skills and expertise listed below.

**Duration:** Temp position, at least 3 months, possibly longer with good performance

**Location:** Leola, PA

**Responsibilities:** Specify, design, code, integrate, and test software

**Qualifications:** 2+ years embedded software experience using the C language and Real Time OS

**Technology Expertise Areas:** Highly proficient in one or more of the following: ST Cortex M microcontrollers, C/C++ Development, Eclipse IDE, CodeSourcery GNU C Compiler, GNU Project debugger GDB, OpenOCD, FreeRTOS, OpenRTOS, SafeRTOS, CAN Bus, Battery Management Systems

A more detailed job description can be found under "Job Openings" on the section website.

To apply, please send your resume to [sneedling@cdtechno.com](mailto:sneedling@cdtechno.com).

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

**Judges Wanted!**

We still need one or two more judges for the Capital Area Science and Engineering Fair (CASEF) that will be held on Thursday, March 1st. We will be judging in the "Special Categories" area for "Energy and Transportation" submissions by local Junior and Senior High entries. This is a lot of fun and you get to see some pretty creative work by our future potential engineers and scientists! We need to meet at the Whitaker Center (use 3rd St. Entrance) for a breakfast coordination meeting at 8:00AM that day. I will provide you all the rating materials you'll need shortly before the event. We are typically finished by 11:30 and you will be invited to stay for lunch if you wish.

Please let me know ASAP if you're interested. Sorry, we can't help with parking that day. I usually bite the bullet and park in the Walnut Street lot. The Whitaker Center will stamp your parking pass and it should only cost \$5.00 - unless Harrisburg raises the rates sooner...

<http://www.whitakercenter.org/CASEF.html>

Larry M Brown PE  
[lbrown0071@verizon.net](mailto:lbrown0071@verizon.net)  
717-561-9803

**Useful Information Column**

**Susquehanna Section Chair**

Wolfram Bettermann  
Telephone: 717-948-6093  
FAX: 717-948-6352  
E-mail: [wub4@psu.edu](mailto:wub4@psu.edu)

**Vice Chair (Programs)**

Theresa Bowie  
717-948-2334  
E-mail: [tvd105@psu.edu](mailto:tvd105@psu.edu)

**Newsletter Editor**

Mike Cherewka  
[mcc252@psu.edu](mailto:mcc252@psu.edu)

**Webmaster**

David Sarraf  
[david.sarraf@paonline.com](mailto:david.sarraf@paonline.com)

**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](mailto:mes121@psu.edu) or Mike Cherewka [mcc252@psu.edu](mailto:mcc252@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](mailto: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><b>Current Officers</b> <b>Chair</b> Wolfram Bettermann <b>Vice Chair - Program Chair</b> Theresa Bowie <b>Treasurer</b> Jeremy Blum <b>Secretary</b> Billy Maney <b>Past Chair</b> Larry Brown <b>Newsletter Editor</b> Mike Cherewka <b>Newsletter Publisher</b> AB Shafaye</p>	<p><b>Awards</b> Art Van Gelder <b>Central PA Engineers Week Council Representative</b> Brian T. Sattizahn <b>Educational Activities</b> Aldo Morales <b>Local Professional Activities</b> - <b>Webmaster</b> David Sarraf <b>Consumer Electronics Chapter Lead</b> Aldo Morales <b>Member at Large</b> -</p>	<p><b>Membership Development</b> - <b>GOLD Coordinator</b> - <b>PACE</b> - <b>Program Committee</b> Larry Brown Ravi Venkatasubramanian Khalil Maalouf <b>Student Representative</b> Theresa Bowie</p>
--	---	--