

April 2011See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>**April 2011 Section Meeting****"Fifth Signal Integrity Symposium"**

Date: April 11 and 12, 2011
Time: Registration: 8:30 AM
Symposium: 9:00 AM – 4:00 PM
Place: Capital Union Building (CUB), Penn State
Harrisburg, Middletown, PA 17057
Lunch Cost: \$25 each day for lunch
Contact: To register and for additional information
(and directions), contact Brenda Firestone at
717-948-6538, blf3@psu.edu, Aldo Morales
awm2@psu.edu, or Sedig Agili
ssa10@psu.edu.

Note that lunch cost gives access to lunch with the opportunity to interact with speakers. It does not provide access to the talks. Full Registration - April 11 - 12, 2011, \$275.00; One-Day Registration \$150.00

Penn State Harrisburg's Center for Signal Integrity will host the Central Pennsylvania's Fifth Symposium on Signal Integrity. The schedule of talks is as follows: "Data mining S-parameters: getting started," by Dr. Eric Bogatin, "Computer Simulation Technology (CST)," by Dr. Antonio Ciccomancini Scogna from CST, "A simple way to characterize high speed interconnects," by Mr. Mike Resso from Agilent, "Interconnect characterization: potential accuracies of common de-embedding approaches," by Dr. Jon Martens from Anritsu, and "Ideal vs. real-world foundations of signal propagation," by Dr. Paul G. Huray, Professor of Electrical Engineering, University of South Carolina, "Ultra high-speed transport systems: how to characterize using active stressors," by Mr. John Smith from Tektronix, "Advances in EMI/EMC design," by Dr. Bruce Archambeault from IBM, and "Application of vector-network analyzers in balanced transmission-line signal integrity measurements," by Mr. Dennis D. Poulin from Anritsu Company. More information on the Symposium can be found in the Center's website at <http://www.hbg.psu.edu/csi>. Note that 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.

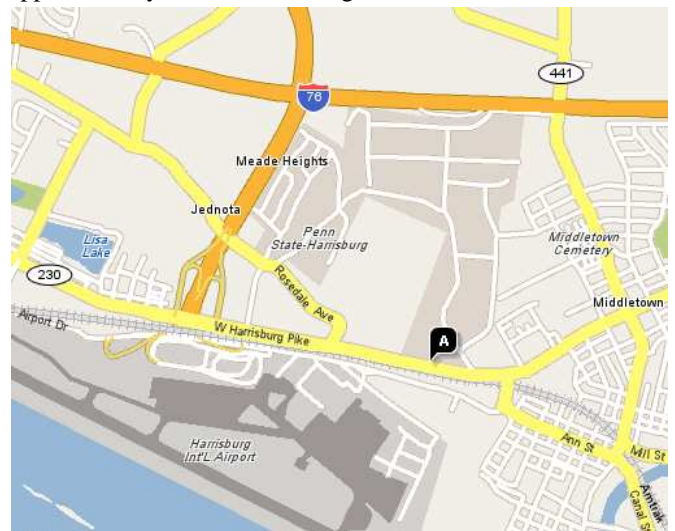
The Center for Signal Integrity assists Central Pennsylvania's numerous connector companies with product development by fostering collaboration between them and the college's engineering faculty and students.

Direction

The entrance to Penn State Harrisburg is located on PA 230, west of Middletown. Proceed to the library (across the west side of Olmsted Building, to the south) and park in the lot. Arrangements will be made to avoid parking tickets. Further information will be provided when your reservation is confirmed.

From PA Turnpike (I-76): Get off at exit 247 (Harrisburg East). Follow PA 283 East toward the Harrisburg International Airport. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East for approximately 1 mile. The college entrance is on the left.

From Lancaster and Points East: Take Route 283 West toward Harrisburg. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East for approximately 1 mile. The college entrance is on the left.



March Section Meeting

About 30 members and guests attended an outstanding behind-the-scenes tour of Hershey Chocolate World for our March meeting. Jim Tesche was our tour guide. He did a tremendous job of fielding some very good questions from our group. The meal at Fenicci's of Hershey was excellent too!

2011 Future Meetings

The section is open to ideas about future meetings and tours. If there is a facility that any member wants to visit, they can send an e-mail to the Program Chair, Vittal Balasubramanian at b.vittal@ieee.org.

IEEE Members Discount

As you well know, IEEE members can take advantage of a myriad of discount opportunities, either in the form of core IEEE products OR from IEEE sponsored programs which are offered at reduced rates as a benefit of membership. However, member surveys indicate that awareness of IEEE discount programs is low, such that 50% of members do not know about them or where to find them.

To address this issue, a decision was made to present information about all these programs in a new centralized location, which is now the "IEEE Member Discounts" Web page. This notice also serves to announce that the brand "Financial Advantage Program" has been retired.

Please take a look at the new IEEE Member Discounts page: http://www.ieee.org/membership_services/membership/discou
[nts/index.html](http://www.ieee.org/membership_services/membership/discou) or in short, <http://www.ieee.org/go/discounts>.

Useful Information Column

Susquehanna Section Chair

Larry M Brown
Telephone: 717-561-9803
FAX:
E-mail: lbrown007@comcast.net

Vice Chair (Programs)

Vittal Balasubramanian
Telephone: 717-938-7368
E-mail: b.vittal@ieee.org

Newsletter Editor

Mohammad-Reza (Soheil) Tofighi
Telephone: 717-948-6112
mtofighi@psu.edu

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 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

Mail changes to:

IEEE
445 Hoes Lane
P.O. Box 1331
Piscataway, NJ 08855-1331
FAX changes to 1-732-981-9667

| | | |
|---|--|--|
| <p>Current Officers Chair Larry M Brown Vice Chair - Program Chair Vittal Balasubramanian Treasurer Jeremy Blum Secretary Billy Maney Newsletter Editor Mohammad-Reza Tofighi</p> | <p>Awards Arthur Van Gelder Central PA Engineers Week Council Representative Sedig Agili Educational Activities Aldo Morales GOLD Coordinator</p> <p>Local Professional Activities</p> <p>Webmaster David Sarraf Member at Large</p> | <p>Membership Development</p> <p>PACE Roy Hoffer Program Committee Sukmoon Chang Dave Sarraf Larry Brown Newsletter Publisher AB Shafaye Student Activities</p> <p>Student Representative Cuonganh Huynh</p> |
|---|--|--|