

February 2007See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>**2007 National Engineering Week
Celebration Banquet**

As a part of our tradition, we would like to invite the membership to attend this year's Engineers Week Celebration Banquet sponsored by the Central Pennsylvania Engineers Week Council (CPEW). (Engineers Week exhibit is held on 2/18 - 2/24 at Colonial Park mall.)

- Date:** Thursday, February 22, 2007
Time: 5:30 p.m. – Social Hour (Cash Bar)
6:30 p.m. – Dinner
7:30 p.m. – Program
- Location:** West Shore Country Club, Camp Hill, PA
Dinner Cost: \$25.00, \$15.00 for students
Menu: Entrée Choice (NY Strip Steak or Chicken Cordon Bleu) served with house tossed salad, side dish, rolls, beverages and dessert. A vegetarian meal is available upon request.
- Program:** Electric Power - Sustainability Challenges
Presenters: Dale L. Keairns, PhD, Technical Fellow, SAIC
- Contact:** Joe O'Neil at 717-730-6032 or joneil@wbcm.com. Reservations cannot be accepted over the phone. No refunds or cancellations after noon, Friday, February 16, 2007.

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.

Volunteer Needed

Whitaker Center for Science and Arts is requesting volunteers from various engineering societies to man various engineering displays during Engineering Week Weekends. For additional information, please contact Sue Benjamin at sbenjamin@hersheys.com or 717-534-6512.

**Exciting News**

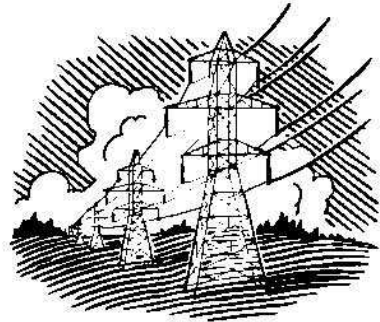
On behalf of the entire IEEE Susquehanna Section team, we would like to express our sincerest congratulations to David Williams of our section for receiving this year's CPEW Technical Achievement Award. The awards presentation will take place during the annual Engineers Week Banquet.

IEEE Award

It is a great pleasure to announce that Dimitry Grabbe, IEEE Fellow and a member of our section, is this year's recipient of the IEEE Components, Packaging and Manufacturing Technology Award. He received this award "For contributions to the fields of electrical/electronic connector technology, and development of multi-layer printed wiring boards". He is a Research Professor at Worcester Polytechnic Institute in Mechanical Engineering (now retired) and currently lives in Middletown, PA.

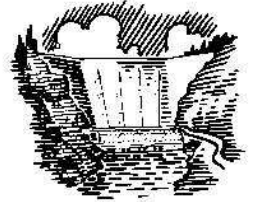
ENGINEERS
 make a
WORLD of
DIFFERENCE

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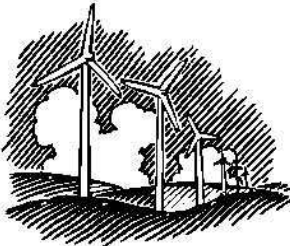


PROGRAM: *Electric Power - Sustainability Challenges*

PRESENTER: Dale L. Keairns, PhD, Technical Fellow, SAIC



Energy technology innovation will be fundamental for addressing energy security, economic growth, safety and environmental concerns. The energy technology R&D choices we make are particularly important given limitations on energy R&D funding and the long time lag between energy R&D and changes in the energy sector. It is also important to recognize that successful R&D is not sufficient; the cost and strategy to deploy new energy technology are also critical to success. While these observations apply to our total energy system,



electricity is central to our energy future. Electricity is directly related to our quality of life and economic health. Demand for electricity is increasing along with a call to action to protect the environment. Achieving clean, economic, secure and efficient generation and use of electric power requires understanding technology and social choices from a broad system perspective: resources, generation, use as well as technology deployment strategies. How will technology and social choices be considered? What decisions will we make to meet our future electric power needs? What are relevant sustainability indicators that can be used for guiding these decisions? We, as engineers, bring an important voice as technical choices are considered for future electric power generation technology.

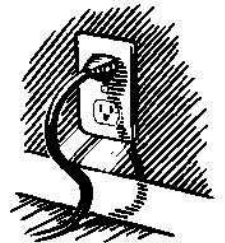
The Council looks forward to your presence at the banquet, where we will not only enjoy a great meal and a excellent presentation, but we will also honor outstanding individuals by awarding the **2007 Central Pennsylvania Engineers Week Council's "Engineer of the Year", "Young Engineer of the Year", "Technical Achievement Award" and the "John H. McCormick Educational Outreach Award."**

RESERVATIONS:

If you have questions, please contact Joe O'Neil at 717-730-6032 or joneil@wbcm.com. Reservations cannot be accepted over the phone. No refunds or cancellations after noon, Friday, February 16, 2007. Detach and mail the reservation form below with your payment by February 9, 2007, to:



Joe O'Neil
 c/o Whitney, Bailey, Cox & Magnani, LLC
 355 N. 21st Street, Suite 100
 Camp Hill, PA 17011



2007 NATIONAL ENGINEERS WEEK CELEBRATION BANQUET – RESERVATION FORM

Make checks payable to Central PA Engineers Week Council. Copy form as needed.

Name _____	Telephone No. _____	Specify for each attendee choice of NY Strip, Chicken Cordon Bleu or Vegetarian
_____	_____	_____
_____	_____	_____
_____	_____	_____

Total Students Attending: _____ @ \$15.00 per person = \$ _____

Total No. Attending: _____ @ \$25.00 per person = \$ _____

\$ _____ (Total Amount Enclosed)



2007 Tentative Schedule of Events

Thursday, February 22
Engineers Week
 Tuesday, March 13
At Penn State Harrisburg
 Tuesday, April 10
At Penn State Harrisburg, free for students
 Tuesday, May 8
Generally no meetings in June, July & August
 Tuesday, September 11
 Tuesday, October 9
Free for students
 Tuesday, November 13
 Tuesday, December 11

Employment Opportunity

A local company has an opening for an Electrical Design Engineer. The candidate will be working closely with customers doing custom design work with printed circuit board layout. The designs will involve connectors and active electronic circuitry. Any interested candidates may apply directly to nbrewbaker@phoenixcon.com.

First Central PA Symposium on Signal Integrity

Mark your calendars for April 10, 2007. Penn State Harrisburg will host the First Central PA Symposium on Signal Integrity, which will be a forum about High Speed Connectors / Interconnects and EMC Radiation with participation of distinguished speakers from IBM, Intel, Nouva Systems, and Samtec. This will be an opportunity to hear about the latest developments in signal integrity from international experts and to exchange ideas. Signal Integrity vendors will be also participating to show the latest test equipment. Please note that our IEEE Section is sponsoring this event. More information will be forthcoming in the next newsletter. For more information, contact Brenda Firestone at blf3@psu.edu, (717)-948-6538, or Dr. Aldo Morales, awm2@psu.edu or Dr. Sedig Agili ssa10@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.

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@ieec.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

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