

**February 2004**See us on the WEB at: [www.ewh.ieee.org/r2/susquehanna](http://www.ewh.ieee.org/r2/susquehanna)

### Joint Meeting

## *“Design Of Wooden Roller Coasters”*

### Engineers Week Banquet

Each year in February we join with other Engineering Societies for the National Engineers Week Celebration Banquet. The Central Pennsylvania Engineers Week Council hosts this event. IEEE member Bob Klinger represents our Section. You can visit the Council on <[www.cpewc.org](http://www.cpewc.org)>.

- Date:** Thursday, February 26, 2004
- Time:** Social Hour (Cash Bar) 5:30 PM  
Dinner 6:30 PM  
Program 7:30 PM
- Dinner:** West Shore Country Club  
100 Brentwater Rd  
Camp Hill, PA 17011
- Dinner Cost:** \$25 per person (received by Feb 06)  
\$28 per person (received by Feb 09)  
\$15 for Students
- Program:** Design Of Wooden Roller Coasters  
Mr. Jeff Pike  
Great Coasters International, Inc.

**Contact:** The Reservation Form is attached. Send in your reservation directly to the Central PA Engineer's Week Council. DO NOT make your reservation as usual through the Susquehanna Section. Members attending can easily find each other and sit at a common table(s). These are always very fine events and we urge your participation. PLEASE NOTE the short due date. Also note that the meeting is not at our usual Tuesday date.

### 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.

### 2004 Tentative Schedule of Events

- Tuesday, March 9  
*Computer Forensics*
- Tuesday, April 13
- Tuesday, May 11
- Tuesday, September 14
- Tuesday, October 12
- Tuesday, November 9
- Tuesday, December 14

### Inclement Weather

The Engineers Week Celebration Banquet usually proceeds in rain, snow or shine and we do not have any cancellation contact information. In the event of really severe weather, you may wish to contact the restaurant. We are pleased to see the location closer to a central point this year, and should be close to many of our members.

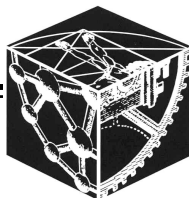
### Meet our members

The IEEE is fundamentally about people. Even though you may attend meetings regularly it is hard to know everyone in the section. As time and space permit, we plan to feature a member per month in an effort to personalize the section and help introduce us to each other. If you want to be featured in this section, please feel free to contact the newsletter editor and/or the web publisher by submitting your picture and a short bio.



Dean Metzler is a Design Engineer with Automatic Timing and Controls (ATC) in Lancaster, PA. ATC is a long time manufacturer of industrial timers, counters and photoelectric sensors. Dean has been with ATC for over 15 years. In his current position he is responsible for PCB layout, UL/CSA coordination, supervision, and circuit design.

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**2004 NATIONAL ENGINEERS WEEK CELEBRATION BANQUET**  
**HOSTED BY THE CENTRAL PENNSYLVANIA ENGINEERS WEEK COUNCIL (www.cpewc.org)**

**“DESIGN OF WOODEN ROLLER COASTERS”**

DATE: Thursday, February 26, 2004

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

PRICE: Early Bird Registration \$25.00 per person (Received by Feb. 06)  
\$28.00 per person (Received by Feb. 09)  
Students \$15.00

MENU: Entrée Choice *served with house tossed salad, side dish, rolls, beverages and dessert.*  
Filet Mignon  
Chicken Piccata – Sautéed Chicken Breast with Artichoke Hearts & Capers  
*A vegetarian meal is available upon request.*

PROGRAM: *Design Of Wooden Roller Coasters*

PRESENTER: Mr. Jeff Pike, Great Coasters International, Inc.

Great Coasters International, Inc. offers the smoothest, most twisted and highest quality wooden roller coaster attractions in the world. Although they are capable of designing and building any type of wooden coaster, Great Coasters International specializes in "twister" type rides. These convoluted designs, coupled with their Millennium Flyer articulating coaster trains, create an experience that emulates the acrobatic thrills of a modern roller coaster while retaining the nostalgic look and feel of a timeless, classic attraction. Great Coasters International customers include Celebration City, Busch Gardens Tampa Bay, Hersheypark and Six Flags, to name just a few. The design of a roller coaster can be as simple as an out-and-back, or as complex as a dueling racing twister. Jeff Pike will discuss the process and considerations involved in roller coaster design.

The Council looks forward to your presence at the banquet, where we will not only enjoy a great meal and hear an excellent presentation, but we will also honor outstanding individuals by awarding the 2004 Central Pennsylvania Engineers Week Council's "Engineer of the Year", "Young Engineer of the Year", and "Technical Achievement" Award.

RESERVATIONS: If you have any questions, contact Joe O'Neil at 717-730-6032 or [joneil@wbcm.com](mailto:joneil@wbcm.com). Reservations cannot be accepted over the telephone. No refunds for cancellations after noon, Friday, February 13, 2003. Detach and mail the reservation form below, **with your payment** by February 9, 2004, to:

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

**2004 NATIONAL ENGINEERS WEEK CELEBRATION BANQUET – RESERVATION FORM**

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

Name \_\_\_\_\_ Phone No. \_\_\_\_\_ Meal Selection: Beef/ Chicken/ Vegetarian \_\_\_\_\_

Total Students Attending: \_\_\_\_\_ @ \$15.00 per person = \$ \_\_\_\_\_ Total No. Attending: \_\_\_\_\_ @ \$2.00 per person = \$ \_\_\_\_\_  
Total Amount Enclosed = \$ \_\_\_\_\_

## Meet Our Members

(...continued from Page 1)

In his spare time he enjoys hiking, travel, weight lifting, and photography.

Dean says that his father was influential in his choice of career. They fixed radios (mainly tube swapping), and built small projects including one of the first EICO transistorized receivers. During high school Dean entered the science fair and won a number of awards. Late in his senior year the electronics bug bit, so after he graduated high school he went on to get his Bachelor's degree in electronics.

## Penn State Harrisburg SPTAC

The IEEE Student Branch of Penn State Harrisburg is organizing a Student Professional and Technical Awareness Conference to be held on Friday, March 19 in the Capital Union Building on campus. This is an event in which several professional engineers volunteer their time and expertise to give professional and technical presentations before the EE and EET students and faculty of Penn State Harrisburg. Currently, the list of topics includes: thermal cooling of computers, light dimming technology, "engineer's toolbox", patent law, the history of electrical engineering, and oral presentations skills. The event will most likely be from 8 AM to 4 PM. A catered breakfast and lunch will be served. These meals are free for students and regular members pay \$5. We need to know how many people are coming, so if you plan to attend, please email Eric Wasatonic, the student branch chair, at [ebw113@psu.edu](mailto:ebw113@psu.edu) by Friday, February 6. Also, sponsors for this program would be much appreciated. If you know any interested companies, then please let Eric know.

## Useful Information Column

### Susquehanna Section Chair

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### Webmaster

David Sarraf  
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### Q/A-C Column

Do you have any questions or comments? Call, email or FAX it to our Co-Chairs at the above addresses.

### 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 Vittal Balasubramanian [b.vittal@ieee.org](mailto:b.vittal@ieee.org). 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

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Aldo Morales  
**Newsletter Editor**  
Vittal Balasubramanian  
**Webmaster**  
David Sarraf

#### Awards

Ernest Guenin  
**Central PA Engineering Counsel Rep.**  
Bob Klinger  
**Consultants' Network**  
Stan Telson  
**Educational Activities**  
  
**GOLD Coordinator**  
  
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