

# The Drawing Board



**A Publication of the PSPE Reading Chapter**

**January 2008**

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## **2008 Chapter Activities**

- **January 29**                    **Power Communication Skills for Today's Technical Professionals (see insert)**
- **February 18**                **Open Panel Discussion for Students at Penn State - Berks**
- **February 9**                 **MATHCOUNTS**
- **March 5**                     **Chapter Meeting - Green Building**
- **March 17 – 19**            **Reading Berks Science and Engineering Fair**
- **April**                        **Awards Banquet**
- **May**                         **Tour (To be announced)**
- **June**                        **Golf Outing**

## **Meeting Program: March 2008**

**Date:**        Wednesday, March 5, 2008

**Time:**        12:00pm (Noon) – Lunch and Program

**Location:** Chef Alan's (West Reading) in the Banquette room

**Cost:**        \$12.00 per person (drinks from bar are not included.)  
(Checks payable to PSPE Reading Chapter, and hand to Darryl or Tim at the meeting)

**Lunch:**       Order from the menu

**Program:** Green Building, a phrase frequently found in newspapers, magazines, and other news media, is often narrowly thought of in terms of energy efficiency and pollution. However, it actually involves a much broader range of topics and issues. Steve Angstadt of RPA Associates and Matt Perna of CMA architects, both accredited LEED professionals, will present a general scope of Green Building and the most common method of measuring, or grading, a building's "green" design. They will then provide some specific areas and means by which the design professional can address these issues and incorporate them into their designs.

- Some general topics include:
- Materials of construction selection
  - Energy efficiency
  - Indoor air quality
  - Sources of construction materials
  - Water conservation
  - LEED certification of buildings

**Reservation deadline:** February 26, 2008

Reservations for PSPE members and friends can be made by calling Tim Krall at SSM 610-621-2000. Leave a message if Tim is not available when you call.

**You can save the Chapter the cost of a stamp and copying charges by receiving your copy of the Drawing Board by e-mail. You need Adobe Acrobat to be able to view the Drawing Board. Just e-mail Chris Rickert at Christopher.Rickert@ worleyparsons.com with your e-mail address to receive your e-mail copy.**

**Message from the President**

Greetings and welcome to a new year. Our next event is the joint meeting with the Valley Forge and Chester Chapter being held on January 29<sup>th</sup>, details are on the web site and included in the newsletter.

Personally and on behalf of the Reading Chapter, I would like to thank Karl Peterson, P.E., Past President for his time in researching and compiling the Reading Chapter PSPE history which is now on the chapter web site. This was quite a task since the Reading Chapter was chartered in 1935 and is one of the oldest in the state. Karl took hours of time to research and sift through 70 plus years of files and records.

The Chapter Board of Directors has made a commitment to gain more exposure in the Berks County Community in order to further the image of the profession and to due our part to help the general good of our community. The Chapter will continue our involvements in the Berks County Science Fair and well as Math Counts as was done in the past. The Chapter has recently joined the Greater Reading Chamber and we have offered the services of the Reading Chapter Professionals to the Chamber to assist in areas that the Chamber requires engineering direction, support and input. Our Chapter Vice President, Michael Hartman has taken the lead in making contact with the Penn State Berks Engineering Department and the Chapter will be assisting PSU during its Engineer's Week events in February and providing assistance to PSU on an ongoing basis. While this is a great start to enhancing the profession and the Chapter there is more that can be done to further this effort. Please forward any suggestions that you may have to a board member for additional ideas to enhance the image of the profession and the Chapter. We are as always looking for volunteers to assist with this endeavor.

Please visit the Reading Chapter PSPE website by going to the following link: <http://www.pspe.org/reading/reading.shtml> The web site now has a positions available section for engineering job openings for firms located within the reading Chapter Area. If you or your firm is interested in advertising in the newsletter and the web site contact Darryl Jenkins, P.E. at 610.375.8822 or [djenkins@greatvalleyconsultants.com](mailto:djenkins@greatvalleyconsultants.com).

It is that time of year that nominations for Board Members are being sought. Please contact Tuan Duong, P.E. Membership Chair at 610.326.3100 ext 2119 or via email at [tduong@trafficpd.com](mailto:tduong@trafficpd.com) if you would like to be nominated or to nominate someone else for a position on the board. The Chapter is always looking for committee members and chairs for committees so if that interest you please contact Tuan as well.

If there is something that you as an engineer or as an engineering firm feel the Chapter should be doing for the membership, please do not hesitate to contact me or any of the Members of the Board of Directors. We are always looking for additional input of the membership and are happy to address any concerns, comments and suggestions.

James C. McCarthy, P.E., Reading Chapter President

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**CALL FOR MATHCOUNTS VOLUNTEERS**

It's that time of year again, and we are looking for volunteers to staff the annual MATHCOUNTS competition on February 9, 2008 at Alvernia College. We are counting on our veteran volunteers as well as a few rookies. The competition is for about 100 seventh and eighth grade Berks county students. The time commitment involved is essentially one Saturday morning, with the event ending by 1 pm.

Please contact Mark Stabolepszy to sign up or for more information

**2008 Reading Chapter PSPE Scholarship**

The Reading Chapter of the Pennsylvania Society of Professional Engineers (PSPE) will be awarding a \$1,000 scholarship. The Scholarship is a one time only grant to be provided to an undergraduate engineering student who will be enrolled in the first semester of their second last or final year in the fall of 2008. The award will be based on academic success, character, personal merit, commitment plus school and community involvements.

General Information:

- Deadline for receipt of Application and supporting documentation is June 5, 2008.
- For application and additional information, either contact the Scholarship Chairperson listed below or access the Reading Chapter web site:

Kenneth R. Gabel, E.I.T.  
 301 Shelly Drive  
 Sinking Spring PA 19608  
 Phone: 610-855-2505  
 E-mail: [kenneth.r.gabel@worleyparsons.com](mailto:kenneth.r.gabel@worleyparsons.com)

- Reading Chapter web site access: <http://www.pspe.org/reading/reading.shtml>

**Reading Berks Science and Engineering Fair Judging**

I hope you will, again, continue to share your expertise to support of the FAIR this year. The FAIR is held at Albright College, in the Bollman Physical Education Building on 13th St. I'll be looking for you!

If you have children in the 2008 Fair or you have signed a participant's entry card as the sponsoring teacher, you may judge - Call me to discuss potential conflicts. Or, you can provide a qualified candidate to take your place in this year's Fair. You may also suggest additional judges. The schedule is shown below.

Judging Schedule, Tuesday, 18 March, 2008

Coffee	7:45 a.m.
Judging	8:00 to 12:00
Buffet Lunch	12:00 to 1:00
Interviews	1:00 to 3:00
Select Winners	3:00 to 3:30
Select Finalists	3:30 to 4:45

Please tell me, below, if you can judge this year (YES or NO.) Take time to evaluate your talents and indicate all categories you are able to judge.

SEND YOUR REPLY IMMEDIATELY.

**If you cannot judge this year, please name a qualified candidate to take your place and forward this message to him/her.**

**You are needed all day, until 4:30 or 5:00, plan to stay.**

We are planning to have a judges meeting to review the judging guidelines and hand out The R-BSEF Judging Guide in early March. For additional information check out the Judging Page at our Website: [www.rbsef.org](http://www.rbsef.org)

Marshall Azrael      Phone: 610-779-0448  
 Judging Chairman      Facs: 610-779-4515      Email: RBSEF@aol.com

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## Open Panel Discussion for Students at Penn State - Berks

The Open Panel Discussion is an opportunity for engineering students to ask questions of practicing engineers. At the beginning of the "discussion", the engineer panelists introduce themselves and then the floor is opened for questions. The Open Panel Discussion is scheduled for Monday, February 18th, from 12:30pm to 2:15pm in the Perkins Center Multi-Purpose room at Penn State - Berks. Lunch will be provided at 12:30pm and the question and answer session will start at 1pm. If anyone is interested in volunteering to sit on the panel of engineers and field questions by students, please contact Jeff Wike via email [jww12@psu.edu](mailto:jww12@psu.edu) or by phone (610) 396-6202. They are particularly interested in mechanical and electrical engineers since those are the 2 engineering majors offered at PSU - Berks. Jeff can provide additional details and can send you a parking pass, if necessary.

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## Unauthorized Use of NSPE Logo

### 4th Annual NSPE Philadelphia, Pennsylvania Conference

An invitation from someone calling himself "Peter Lamar" and using the NSPE logo is being faxed to various engineers about an alleged conference "that will be held again this year after a great turnout last year."

**Please be advised that NSPE, PSPE and the Philadelphia Chapter are in no way associated with a conference by this name.** The invitation currently states in part:

"The 4th Annual NSPE Philadelphia, Pennsylvania Conference will be held again after a great turnout last year. This year will be different in that we are extending our invitation to engineers of all experience levels. We also have added 4 more seminars and have invited some prestigious speakers to join us. Please alert me of the individuals that would benefit from these seminars, and notify me of discipline and title so the appropriate invitation is extended.

Exceptional door prize vouchers and complimentary gift cards are provided with each invitation package. These seminars are RSVP only with limited seating. I thank you in advance.

The Dates are below, keep in mind this is simply to alert you of topics covered at which time. The invites mailed to you will contain the exact times and scheduling, as well as entrance tickets/door prize vouchers. We hope to see you there, as we work together to push engineering further.

+ May 3rd (Electrical)

#### Electrical

- SMART System
- Mission Critical Data Center Design\*
- Substation Engineering and Design
- Industrial Power Distribution Systems
- Emergency Power Systems\*
- Generation and Cogeneration Systems
- Lightning and Lightning Control
- Fire Alarm Systems
- Systems Modeling and Analysis\*
- Hazard Code Update
- Instrument and Control
- Code Analysis
- LEED System/Smart Building\*
- Master Planning
- Power Distribution Load Calculation"

Again, this is not a session in any way sponsored by the National Society of Professional Engineers, Pennsylvania Society of Professional Engineers, or the Philadelphia Chapter of the Pennsylvania Society of Professional Engineers. Any session sponsored by [NSPE](#), [PSPE](#) or the [PSPE Philadelphia Chapter](#) would be posted on the corresponding web sites.

If you obtain any additional contact information regarding this event, please contact Arthur Schwartz, NSPE General Counsel at [aschwartz@nspe.org](mailto:aschwartz@nspe.org)

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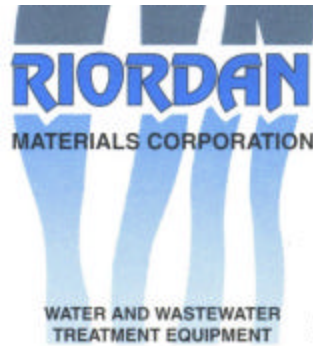
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OTHER OFFICES IN READING, ALLENTOWN,  
AND CROFTON, MD

**PA REPRESENTATIVES:**  
Art Auchenbach III, P.E. Carl Janson  
Bob Smith, P.E. Matt Seng, P.E.

Become a sponsor for the Reading Chapter PSPE Drawing Board and place your advertisement here. Call Darryl Jenkins (610) 375-8822 for more cost and other information.



## PSPE January Dinner Meeting Valley Forge Chapter



*Joint Meeting with  
Chester County & Reading Chapters*

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Topic: "Power Communication Skills for Today's Technical Professionals"

When: Tuesday, January 29, 2008  
5:30 PM—Social hour (Cash Bar)  
6:30 PM—Dinner and Presentation

Where: Baxter's Great Valley  
20 Liberty Blvd  
Malvern/Great Valley, PA

Cost: \$25 / Person

**Please RSVP to Gwen Himes at [ghimes@TrafficPD.com](mailto:ghimes@TrafficPD.com) or 610-326-3100  
by Tuesday, January 22, 2008**

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**Speaker: Jackie Reeves**  
*Senior Consultant with Nyman Group*

*Join us to learn about developing communication skills, interpersonal skills, leadership and team development. Ms. Reeves is a motivational speaker who draws on her broad educational background to educate and energize the audience.*

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**PENNSYLVANIA SOCIETY OF PROFESSIONAL ENGINEERS, READING CHAPTER**  
**2007-2008 CHAPTER OFFICERS AND BOARD MEMBERS**

Name	Position	Company	Telephone	Email	Fax
James C. McCarthy, PE	President 2005-2008	McCarthy Engineering Associates, P.C.	610.373.8001 (W)	jmccarthy@mccarthy- engineering.com	610.373.8077
Michael D. Hartman, PE	Vice-President 2007-2008	McCarthy Engineering Associates, P.C.	610.373.8001 (W)	mhartman@mccarthy- engineering.com	610.373.8077
Tim Krall, PE	Secretary 1999 -2008	Spotts/Stevens/McCoy	610.621.2000 (W)	tim.krall@ssmgroup.com	610.621.2001
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Karl Peterson, PE	Past President 2004 - 2005		717.445.6626 (H)	aftan@frontiernet.net	

*Pennsylvania Society of Professional Engineers*

Attn: Christopher Rickert, PE  
114 Pine Tree Lane, Wernersville, PA 19565

Address Correction Requested

