



Volume 1, Issue 3

January 2009



The Philadelphia Engineer

Pennsylvania Society of Professional Engineers

Founding Chapter 1934

Upcoming Events:

- Dinner Meeting—Discovering Your Memory Power—January 13, 2009
- MathCounts Competition—Temple University, February 7, 2009
- Young Engineer Of The Year Installation (joint meeting with Engineers Club), February 20, 2009
- Update On Continuing Education for the Professional Engineer March 2008*
- Fixing Pennsylvania's Infrastructure April, 2008*
- Annual Awards Dinner May 2008*

*Dates/Locations To Be Announced

Previous Events:

- Annual CE Conference, Orlando, FL,

Inside this issue:

| | |
|--|---|
| The President's Message | 1 |
| Dinner Meeting Info/ Speaker | 2 |
| Biography | 2 |
| Chapter Directory | 3 |
| Treasurer's Report | 3 |
| Membership Report | 3 |
| Program Information-Scholarships, MathCounts | 4 |
| Company and Employment Advertisements | 5 |

In Other Words...

"It's not the hand that signs the laws that holds the destiny of America. It's the hand that casts the ballot."

Harry S. Truman

The President's Message Soheila Rahbari, P.E.



2009 is upon us! On behalf of the Philadelphia Chapter I would like to wish you all a very peaceful, healthy, and prosperous New Year!

For the past year our Board met and talked extensively about New Ideas and the Change for the BETTER serving our profession, community, and our members. I am pleased to say that we have been successful to accomplish a few of our goals including creating our Chapter Website; forming the Continuing Education Committee to provide PDH or CEC credits required as a part of Senate Bill 655 in order to maintain Licenses Renewal requirements in 2009; forming the Education / K-12 Committee to better communicate and mold future engineers; and to improve the Chapter's General Membership. We strive to do better and this can only be achieved by your HELP in the form of exchange of ideas, participation with the Board/Committee activities, sponsorship,

attending meetings, or any other way suited to your lifestyle.

On December 4, 2008 our third meeting of the year was about Delaware Valley Outstanding Engineering Achievement Award. It was a joint meeting with Chester County Chapter of PSPE, hosted by PSPE Philadelphia Chapter. It was a good meeting. Each year, for the longest time, PSPE has taken the lead to plan, promote and organize this important program. This year we had four finalists (projects) unfortunately only two of the presenters managed to show up at our meeting. Both presentations were great. The first project was Design & Construction of the La Salle University Pedestrian Bridge in Philadelphia, PA presented by Urban Engineers; and the second project was Boeing Philadelphia Wind Tunnel Modernization presented by Boeing. Both presenters talked about constrain and difficulties they had to overcome during the construction of these projects. The winner of the Outstanding Achievement Award was **Boeing Philadelphia Wind Tunnel Modernization Project**. I would like to thank all the participants and would

Engineers Week—February 15 to 21, 2009

Get a pen ready and mark your calendars for Engineers Week (EWeek). While we should strive to get children and teens interested in the field of engineering throughout the year, February is our time to shine! There are numerous activities and programs available on the EWeek website www.eweek.org to help get kids excited about engineering.



The Philadelphia Engineer is published monthly on-line. Please send questions or comments to: Richard A. Horenburger, P.E.

Arora Engineers, Inc.

61 Wilmington-West Chester Pike, Chadds Ford, PA 19317

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Discovering Your Memory Power Dinner—January 13th, 2009

Joint PSPE- Philadelphia/Delaware
County Chapters Dinner Mtg @

 **Hilton** Philadelphia Airport

4509 Island Ave, Phila, PA 19153 |
Tel: 215-937-4509



Discovering Your Memory Power

Your profession demands that you remember a wealth of knowledge. A simple slip of the mind can result in thousands of dollars in lost sales or credibility. Build your competitive advantage by learning how to train your memory.

our speaker, Matthew Goerke, will show you how having a trained memory can make you more money, reduce stress, and save you time.

Matthew Goerke

Matthew Goerke is regarded as one of America's leading experts in the field of memory development. He has shared with thousands of business professionals from all walks of life the techniques for developing an instant recall memory with results that can only be described as amazing!

Matthew has trained executives from corporations including AT&T, Prudential, Exxon, and Coldwell Banker; and government agencies such as The United States Postal Service and the Defense Department. Matthew has also had a tremendous impact in educational settings, having personally trained thousands of students and teachers at all academic levels.

As a noted expert in this field, Matthew is a sought-after guest and has appeared on hundreds of radio and television talk shows.

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| Board meeting | 5:00- 6:00 PM (open to general membership) |
| Cocktails | 6:00-6:30 PM Cash Bar |
| Dinner | 6:30 Meeting - Presentation follows |

Return your reservation(s) by Friday, January 9, 2009 to:

Richard Mulford, P.E., at (215) 985-5701 or

info@engrclub.org

Please send your check (or Pay at the door) for the number of attendees at \$40 per member or guest, \$20 per PSPE Student Member. Checks should be made payable to "PSPE Philadelphia Chapter."



Treasurer's Report - December

Chapter Directory

Officers and Directors

Table listing Officers and Directors with columns for Position, Name (with email link), and Phone Number.

Committee Chairs

Table listing Committee Chairs with columns for Position, Name (with email link), and Phone Number.

Click on Contact Person's name for email link

Table showing Expense Accounts with columns: Expense Accounts, Nov 08 Expenses, 6 Months Expenses, and Revised 2008-2009 Budget.

Income Accounts

Table showing Income Accounts with columns: Income Accounts, Nov 08 Expenses, 6 Months Expenses, and Revised 2008-2009 Budget.

Membership Report

Table showing Membership counts for Licensed & Life (155) and Affiliate & Student (15).

PSPE would like to welcome new members: Michael T. McClellan, PE, Michael Myerson, Sarah B. Fick (student member)



Awards for Outstanding Math / Science Teachers

Do you know of an outstanding Science or Math Teacher currently teaching in grades 5 through 12 in Philadelphia schools?

The Philadelphia Chapter of the Pennsylvania Society of Professional Engineers is currently soliciting nominations for the selection of Outstanding Science and Math Teachers for 2008 from within the City of Philadelphia. The winners will be acknowledged by the Philadelphia Chapter at its annual Awards Night in May 2009. Additionally, the Philadelphia winners will be entered into the competition to select the Outstanding Science and Math Teachers for the Delaware Valley as part of the Delaware Valley Engineers Week celebration. Teachers selected as either the Outstanding Science Teacher or the Outstanding Math Teacher for the Delaware Valley will be acknowledged at the Engineers' Week Banquet in February of 2009.

PSPE Scholarships

The Philadelphia Chapter of PSPE (Pennsylvania Society of Professional Engineers) operates a scholarship program open to high school students who either (1) live in or (2) attend high school in the City of Philadelphia. Other Chapters of PSPE may also have scholarship programs geared to students in other counties. Applications for the Philadelphia Chapter program are routinely sent to and may be obtained from your high school guidance department. Inquiry for additional applications must be made by the guidance department to PSPE Philadelphia at 215-985-5701.

Applicants will be competing for the following:

1. Drexel University is providing two five-year scholarships of \$5000 per year to be awarded to outstanding candidates by the Philadelphia PSPE scholarship committee. Please check "DREXEL SCHOLARSHIP APPLICANT" on the application form to be considered for this scholarship.
2. Temple University is providing a four year scholarship of \$2000 per year to be awarded to an outstanding candidate by the Philadelphia PSPE scholarship committee. Please check "TEMPLE SCHOLARSHIP APPLICANT" on the application form to be considered for this scholarship.

MathCounts Needs You

What is MATHCOUNTS?

MATHCOUNTS is a nationwide competition for 7th and 8th graders who excel in Math. Teams from registered schools compete locally for the chance to win top honors and even represent the Philadelphia Chapter at the State and National MATHCOUNTS Competitions.

When is the Philadelphia Chapter Competition?

The 2008 MATHCOUNTS Competition will be held **Saturday, February 7, 2009**. In the event of a severe weather event, it will be held Saturday, February 21, 2009.

Where will it take place?

The Competition will be held at the Student Center, which is at the intersection of 13th Street and Montgomery Avenue, on the Main Campus of Temple University.

Why should I participate?

MATHCOUNTS is a program that encourages the academic achievement of middle school students. Any time spent promoting math among youth is an investment in the future of our and every other profession.

How can I help, offer to volunteer, or make a donation?

Write to the Philadelphia Chapter Coordinator, Abraham El, at ael@pennoni.com, or call him at (215) 222-3000 extension 3541.

Our Ombudsman for Complaints about this newsletter is Helen Waite. Those wishing to lodge a complaint should go to her.

a word from our sponsors..



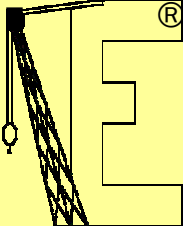
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Current Job Posting: A hydropower consulting engineering company headquartered in Main is seeking an experienced Sr. Civil / Design engineer for their office in Strasbourg, Lancaster County. Company performs civil land/site design in and adjacent to natural waterways including recreational facilities, commercial and industrial facilities, and natural habitat improvement projects. **Looking for a BSCE, P.E. registration and 10 years minimum experience.** Require experience with building codes, local, state and Federal land use regulations, and familiar with ADA regulations, SW analysis, reinforced concrete and timber design, and Civil 3D or other modeling software. Excellent benefits and advancement opportunities offered.



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Any referrals you could suggest would be **greatly** appreciated. Kindly forward the attached job description to anyone you think might be interested.



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The Philadelphia Engineer

Check out our website!

<http://www.pspe.org/philly/philly.htm>

Did You Know that there are over
45,000 members of NSPE?



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President's Message (Continued from Page 1)

pants and would encourage all the companies no matter what discipline to participate in the next year program.

We have another excellent presentation scheduled for January 13, 2009 to be held at the Hilton Philadelphia Airport, starting at 6 PM. This too will be a joint meeting with PSPE [Chester](#) County Chapter. Our speaker for the night will be Matthew Goerke a Trainer with Freedom Personal Development. Mathew will be presenting "Discovering Your Memory Power". Your profession demands that you remember a wealth of knowledge. A simple slip of the mind can result in thousands of dollars in lost sales or credibility. Build your competitive advantage by learning how to train your memory. Matthew has helped train thousands of business professionals from all walks of life such as Harley-Davidson, State Farm Insurance, Walls Fargo, and the National Association of Realtors., develop and instant recall memory for names, presentations, and information.

Our speaker, **Matthew Goerke**, will show you how having a trained memory can make you more money, reduce stress, and save you time. I encourage you all to attend the meeting. Details of this meeting are provided in this issue. Please call Richard Mulford, P.E., at (215) 985-5701 to make your reservation.

Do not forget our FREE Six Months Membership offer! It has never been this easy to sign-up new members, through the NSPE website. Please encourage your engineer-friends and colleagues to join the Society.

Is your firm or company seeking qualified candidates to fill valuable positions in today's demanding market? Please contact the newsletter editor above for further information about advertising opportunities.

Pennsylvania/Philadelphia/ South Jersey companies have an opportunity to support their local chapter through sponsorship of our newsletter. We solicit these sponsorships to help defray the associated production and distribution costs. The sponsorship cost of \$100 provides your company with a business-card size advertisement in each issue published over the Chapter fiscal year ~ approximately 8 issues a year. The newsletter targets a readership audience of our members, colleagues and clients in the Delaware Valley Region. If you are interested in placing an ad please contact the newsletter editor above.

Many thanks,

Soheila Rahbari, P.E., P.G., M. PSPE, M. ASCE

President, PSPE Philadelphia Chapter
