

The Pittsburgh Professional Engineer

A Newsletter Published by:

The Pittsburgh Chapter of the
Pennsylvania Society of Professional Engineers

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Pittsburgh Chapter
Pennsylvania Society of Professional Engineers

January 2016

President's Message

Dear PSPE Pittsburgh Chapter Members,

PLEASE READ THIS NEWSLETTER! This is the most important "President's Message" that I will write during my time as President. That's because I am promoting three signature Pittsburgh Chapter events occurring in the next seven weeks.

DINNER MEETING AT ESWP WITH GUEST SPEAKER

On Thursday, January 21, 2016, **Steve Hrvoich, P.E.**, from the Pennsylvania Turnpike Commission will be our dinner speaker at ESWP. The topic is "**The Six-Lane Widening and Total Reconstruction of Mainline Turnpike, Mileposts 40 to 48.**" Steve is an excellent speaker, and I'm sure he will deliver an outstanding program. Bring a guest!

In addition, we will have the opportunity to network with members from our co-sponsor, The Three Rivers Chapter of the Construction Management Association of America (CMAA). The reservation form with additional information is on page 2 of this newsletter.

MATHCOUNTS 2016

The MATHCOUNTS competition for all middle schools in Allegheny County will take place on Saturday, February 13, 2016, at the A.W. Beattie Career Center in Allison Park. We need volunteers to serve as proctors and graders for this annual event. Additional MATHCOUNTS information is on page 3.

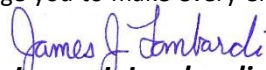
In addition, we are looking for an enthusiastic individual to replace **Virginia Dailey** as our MATHCOUNTS coordinator. Virginia has done a stellar job over the years, will continue to be involved, and will train her replacement. In next month's newsletter, Virginia will provide details on the duties and qualifications required for her replacement.

NATIONAL ENGINEERS' WEEK BANQUET

The most important upcoming event is our "*National Engineers' Week Banquet*" on Saturday, February 27, 2016, at the Sheraton Station Square. The registration form to attend this event is on page 4.

Patrick H. Hassett, Deputy Director, Department of Public Works, City of Pittsburgh, will be honored by receiving the Distinguished Service Award. The Outstanding Engineering Achievement Award will go to the **U.S. Army Corps of Engineers' Lower Monongahela River Locks and Dams Project**. Additional information on these and the other awards can be found on pages 5 and 6.

Our annual awards banquet is the highlight of the year. I urge you to make every effort to attend! I look forward to seeing you on February 27!


James J. Lombardi, P.E.
President

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**The Pittsburgh Chapter of the
 Pennsylvania Society of Professional Engineers and
 The Three Rivers Chapter of the Construction Management
 Association of America (CMAA)**



Invites all current and prospective members as well as guests to the
Thursday, January 21, 2016, Dinner Meeting

**Six-Lane Widening and Total Reconstruction of Mainline Turnpike, Mileposts 40 to 48
 (Seminar attendance qualifies as 1.0 PDH)**

**At the Engineers Society of Western Pennsylvania Building
 337 Fourth Avenue, Pittsburgh, PA 15222**

On Thursday, January 21, 2016, the Pittsburgh Chapter of PSPE and the Three Rivers Chapter of the Construction Management Association of America (CMAA) will proudly sponsor a presentation on the Six-Lane Widening and Total Reconstruction of Mainline Turnpike, Mileposts 40 to 48. The presenter will be **Mr. Steve Hrvoich, P.E., of the Pennsylvania Turnpike Commission**. You will earn one (1) PDH by attending!

Cocktails – 6:00 PM Social (Cash Bar)

Dinner – 6:45 PM

Presentation by Mr. Hrvoich – 7:30 PM

Dinner Choice: Choose one of the following (if more than one attendee, indicate the number of each choice):

- Tenderloin of Beef Medallions**, with Mushroom Sauce
- Cajun Mahi Mahi**, with zesty Remoulade Sauce
- Farfalle Pasta Primavera** (Vegetarian)

You may make your reservation by completing the form below and mailing or faxing it to Dave Teorsky, ESWP. You may also phone in your information to ESWP. If you choose to make your reservation via email, do not email your credit card information. Payment may be made by calling in your credit card information, faxing this completed form, or mailing this form with credit card information or enclosing a check.

Phone: 412.391.0615 Fax: 412.261.1606 Email: d.teorsky@eswp.com

U.S. Mail: Pittsburgh Chapter PSPE, 337 Fourth Avenue, Pittsburgh, PA 15222

Name: _____ **Phone/Email:** _____

Name: _____ **Phone/Email:** _____

Reservations, including payment, must be received by Monday, January 18, 2016. Cost per attendee is \$36.00.

Payment Options:

Credit Card: MASTERCARD VISA AMEX

Card Number: _____ Expiration Date: _____ CVV Code _____

Name (as it appears on credit card): _____

Billing Address: _____

Check enclosed payable to "Pittsburgh Chapter PSPE" and mailed to 337 Fourth Avenue address.

Cancellations must be received three (3) days prior to the event.

GRADERS AND PROCTORS NEEDED

2016 PSPE Pittsburgh Chapter MATHCOUNTS Competition



Saturday, February 13, 2016

Location: A.W. Beattie Career Center, 9600 Babcock Boulevard, Allison Park, PA 15101

The MATHCOUNTS Competition Program provides the extra incentive and the perfect atmosphere for students to push themselves to achieve more in mathematics. Consisting of fun and creative problems that promote critical-thinking and problem-solving skills, the MATHCOUNTS competitions have written and oral rounds as well as individual and team components. Though challenging and non-routine, the competition problems focus on the 6th through 8th grade standards of the National Council of Teachers in Mathematics.

For the fourth year, our competition will be held at the **A.W. Beattie Career Center in Allison Park**. To obtain directions or to view a map of this location, please click on the following link or copy and paste it into your browser: <http://mapq.st/1f8pZeY> or visit the A.W. Beattie Career Center home page at: <http://www.beattietech.com>.

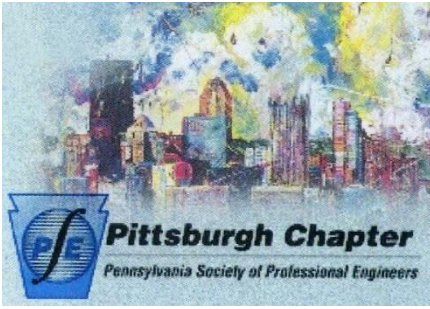
Volunteer Proctors and Graders are critical to the success of our competition. Moreover, every year, we are fortunate that so many of you volunteer for this activity. The **Proctors** are in the competition room, distributing testing material and monitoring students' needs. As a **Proctor**, you will need to arrive by 7:30 a.m. to assist in getting the registered students to their assigned tables and seats on the competition floor. **Proctor** duties will be completed by approximately 11:30 a.m., at which time the Chapter provides lunch to all participants (including volunteers).

The **Graders**, and we need about 45-50 individuals, grade each and every test that is taken by our Mathletes. As a **Grader**, you will need to arrive no later than 9:00 a.m. There will be refreshments (coffee, tea, water, and snacks) for the volunteers upon arrival. Graders will be seated at 9:10 a.m. and given instructions by the PSPE Chapter Member in charge of the grading room. The tests will begin to arrive from the competition room at approximately 9:30 a.m., and grading will continue until approximately 12:30 p.m. Lunch will be provided when completed.

If you have volunteered in the past years, we hope you will continue to serve the Chapter through this volunteering.

If you have any questions about volunteering for this event, please send an email or contact by phone the Volunteer Coordinator, Tom Schwartzmier, at toms@consolidated.net or 412.585.0832 (cell).

Look for the winner information in the next newsletter. In the meantime, if you want to be excited about math and the future engineers in our society, come out and volunteer for this activity. If you have any general questions, contact the MATHCOUNTS Committee Chair, Virginia Dailey, at dailey@ddengr.com.



**ALL Engineers, Contractors, Suppliers, and their guests
are invited to the Annual
NATIONAL ENGINEERS' WEEK BANQUET**

Saturday, February 27, 2016
Sheraton Station Square
300 West Station Square Drive, Pittsburgh, PA 15219

Join us for an evening of fellowship, great food, and the presentation of the
2016 Engineers' Week Chapter Awards, primarily the:

Distinguished Service Award
Patrick F. Hassett, Deputy Director,
Department of Public Works, City of Pittsburgh
and
Outstanding Engineering Achievement Award
U.S. Army Corps of Engineers' Lower Monongahela River
Locks and Dams Project

- 6:15 p.m. Hors d'oeuvres and Cocktails (Cash Bar)
- 7:00 p.m. Welcome and Presentation of MATHCOUNTS Awards
- 7:30 p.m. Dinner
- 8:30 p.m. Presentation of Awards

Make your reservation by completing the form below and mailing or faxing it to the Chapter office. Do not email your credit card info; FAX it. Payment may be made by calling in your credit card info, faxing this completed form, or mailing this form with credit card info or enclosing a check. See "Payment Options" below. **Cost of Dinner is \$60.00/person if reservations are made by February 15, 2016.** After that date, the cost is \$65.00/person. **Table of 8 is \$480.00.**

Dinner Choice: Choose one of the following:

Chicken Piccata, with lemon butter, white wine, and caper sauce

Tilapia, with lemon butter sauce

London Broil, with sherry mushroom sauce

Dinner includes a glass of house wine and chocolate layer cake for dessert

Name: _____ Phone/Email: _____

Name: _____ Phone/Email: _____

Payment Options:

FAX Credit Card: MASTERCARD VISA AMEX

Card Number: _____ Expiration Date: _____ CVV Code _____

Name (as it appears on the credit card): _____

Billing Address: _____

Check enclosed payable to **Pittsburgh Chapter PSPE** & mailed to 337 Fourth Avenue, Pittsburgh, PA 15222

Phone: 412.391.0615

Fax 412.261.1606

Email: d.teorsky@eswp.com

Cancellations must be received three (3) days prior to the event.

PSPE, Pittsburgh Chapter to Honor Award Winners at the National Engineers' Week Banquet February 27, 2016

Founded by NSPE in 1951, Engineers' Week is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing the understanding of and interest in engineering and technology careers. Engineers' Week promotes recognition among parents, teachers, and students of the importance of a technical education and a high level of math, science, and technology literacy. It motivates youth to pursue engineering careers. Each year, Engineers' Week reaches thousands of schools, businesses, and community groups across the U.S.

In conjunction with Engineers' Week, the Pittsburgh Chapter, PSPE will hold an Awards Banquet at the Sheraton Station Square on Saturday, February 27, 2016, recognizing outstanding people involved in engineering and exceptional projects in our area. Come and join PSPE in honoring the following awardees and nominees:

The **Distinguished Service Award** is presented each year to recognize an individual or individuals for outstanding contributions toward the improvement of the social, economic, and professional status of the Professional Engineer. This year's award recipient is **Patrick F. Hassett**. Pat has over 26 years of dedicated service with the City of Pittsburgh. Currently, he is the Deputy Director of the Department of Public Works overseeing the Bureau of Transportation and Engineering. Pat is the current president of the Greenfield Community Association, and he was the 2012 Greenfield Person of the Year.

The **Outstanding Engineering Achievement Award** is presented to a significant project within the Pittsburgh area. This year's award recipient is the **United States Army Corps of Engineers' Lower Monongahela River Locks and Dams Project**. This multi-year project is making important improvements to the locks, dams, and navigation channel along the Lower Monongahela River. This portion of the river experiences the highest volume of commercial traffic on the entire Monongahela River Navigation System, and it is very popular with recreational boaters. The nearly 100-year-old fixed-crest dam at Braddock Locks and Dam was replaced by a new, gated dam, which became fully operational in April 2004. Current work is focused on constructing two new larger locks at the Charleroi Locks and Dam. Future work will consist of complete removal of the Elizabeth Locks and Dam originally built in 1907.

The **Dedicated Service Award** recognizes continuous years of active participation in, service to, and support of the Pittsburgh Chapter, PSPE, NSPE, and the engineering profession. This year's award recipient is **Brian L. Schull, P.E.**, Brian has been active in PSPE since 2006 including serving as Pittsburgh Chapter President 2011-2012. He continues to be active by writing Chapter Newsletter articles and promoting Chapter Dinner meetings. Brian currently works as a Senior Project Manager-Construction for SAI Consulting Engineers Inc.

The **Silvio Lorenzi President's Gold Star Award** is presented at the request of the Pittsburgh Chapter's current President, Jim Lombardi, in recognition of outstanding support extended to the President in fulfilling his duties. This award is named in memory of Silvio "Sax" Lorenzi, who served as Chapter President in 1974-75 and PSPE President in 1978-79 and who was known for his enthusiastic work and support of PSPE. This year's award recipient is **John A. Broschious, P.E.** John has been the Pittsburgh Chapter Treasurer since 1995. John accurately and enthusiastically carries out his work as Treasurer, and he constantly seeks ways to assist the Chapter. John is currently retired and enjoyed a 40-year professional career including engineering in hazardous waste remediation, solid waste disposal, wastewater treatment, and public water supply.

The Pittsburgh Chapter annually chooses a nominee for the **PSPE State Engineer-of-the-Year Award**. This annual award recognizes continuous years of active participation in, service to, and support of the Pittsburgh Chapter, PSPE, NSPE, and the engineering profession. The award recognizes an outstanding, distinguished engineer not necessarily only for his/her work for, or in, PSPE, but for his/her overall activities and achievements. The Chapter's nominee for this award is **Kirk L. Thompson, P.E.** He has served continuously on the Pittsburgh Chapter Board of Directors since 2007. He was Chapter President from 2012-2013, and he currently serves as the Executive Secretary. For many years, Kirk served as Chairman of the FE/PE Review Course Committee ensuring that these important classes remain available to help engineers prepare for the State FE and PE exams. Kirk currently works as a DOT Pipeline Compliance Engineer at Consol Energy.

The **Young Engineer-of-the-Year Award** is intended to identify and recognize an outstanding engineer no older than 35 as of January 1 in the year following the award year. The evaluation criteria include collegiate achievements, professional and technical society activities, engineering experience, publications/patents, major engineering project achievements, and additional activities such as civic, fraternal, or humanitarian endeavors. This year's recipient is **James B. Radion, P.E.**, who works as a structural project engineer at Gannett Fleming. Jim has worked on numerous bridge projects including the design of the newly opened Hulton Bridge. He has extensive experience in the inspection of highway tunnels. Jim is very active with ASCE. He served as the Pittsburgh Section Younger Members Forum Treasurer, Vice President, and President and currently serves as a director for the Pittsburgh Section.

The **Lawrence W. Hornfeck Award** is presented to the Pittsburgh Chapter member who has made exceptional contributions to the Chapter during the preceding year. This memorial award is named in honor of Larry Hornfeck, who passed away in 1963 while serving as Chapter President. The recipient will be announced at the banquet.



Photos from last year's banquet



2016 CALENDAR

MEMBERSHIP EVENTS & MEETINGS

Date	Time	Description	Location
January 21, 2016	5:00 p.m.	Board of Directors' Meeting	ESWP
January 21, 2016	6:00 (drinks) 6:45 (meal) 7:30 (speaker)	Speaker: Steve Hrvoich, P.E. Six-Lane Widening and Total Reconstruction of Mainline Turnpike, Mileposts 40-48	ESWP
February 13, 2016	7:30 a.m. 9:00 a.m.	MATHCOUNTS Competition: Proctors Graders	A.W. Beattie Career Center
February 27, 2016	6:15 p.m. 7:00 p.m. 7:30 p.m. 8:30 p.m.	National Engineers' Week Banquet: Hors d'oeuvres & Cocktails Welcome & Present MATHCOUNTS Awards Dinner Presentation of Awards	Sheraton Station Square
March 24, 2016	5:00 p.m.	Board of Directors' Meeting	ESWP
March 24, 2016	6:00 (drinks) 6:45 (meal) 7:30 (speaker)	Speaker: James Foringer, P.E., ADE, Construction PennDOT District 11	ESWP
September 21-24, 2016		PSPE State Conference	King of Prussia, Pennsylvania
September 2017		PSPE State Conference	Pittsburgh, Pennsylvania

2016 Chapter Officers

President – James J. Lombardi, P.E.	Executive Secretary – Kirk Thompson, P.E.
President-Elect – Jason Esser, P.E.	Treasurer – John Broschious, P.E.
Vice President – Scott P. Sukits, P.E.	Financial Secretary – Reyman Branting, P.E.
State Director – Dave Briskey, P.E.	Immediate Past President – Jennifer Nolan-Kremm, P.E.

2014–2018 Chapter Directors

Kevin Spangler, P.E. – 2014-2016	Melissa M. Fontanese, P.E. – 2016-2018
Ed Telega, P.E. – 2015-2017	

Chapter Committee Chairs

Refresher Course – Matthew Kusic, P.E.	Sustaining Associates – Jennifer Nolan-Kremm, P.E.
Young Members – Jason Esser, P.E.	Web Site Coordinator – Jason Esser, P.E.
Newsletter – James Lombardi, P.E.	MATHCOUNTS Coordinator – Virginia Dailey, P.E.
Archive – John Broschious, P.E.	CLC – Kevin Spangler, P.E./Gary Chodkowski, P.E.
Apprenticeship – Reyman Branting, P.E./Dave Briskey, P.E.	