2018-19 Chapter Program
The Pennsylvania Society of Professional Engineers
Philadelphia Chapter

Outstanding Engineering Achievement Competition
Region’s Best Projects
Designed, Erected, Manufactured in 2018

December 6, 2018
Social and Networking 5:15 PM to 6:00 PM
Full Sit Down Dinner: 6:00 PM to 6:45 PM
Presentations: 6:45 PM to 8:00 PM
Deliberation of Judges 8:00 PM to 8:15 PM
Award Ceremony 8:15 PM to 8:30 PM

Price - $40.00
Sheraton Philadelphia University City
36th & Chestnut Streets
Philadelphia, PA 19104
215-387-8000
Sheraton’s Inside Parking is Additional for $6 with Validation
Click here for reservations

Engineers’ Club of Philadelphia
Multi-Society Luncheon
December 4, 2018, 11:30am to 2:00pm
DoubleTree Philadelphia Hotel
237 South Broad at Locust Street
Click here for reservations

Please join the Engineers’ Club of Philadelphia and our co-sponsoring partner societies for our annual Multi-Society Meeting. This is always a good opportunity to kick off the holiday season and network with engineers and other professionals you might not normally see at your society meetings.

Philadelphia Chapter Program 2018-2019

Our program for 2018-19 is provided below. We continue to look to our Members for suggestions and to volunteer to share knowledge with your peers. Please contact our leadership at President@PSPE-Philly.org.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event - Click Event for Details</th>
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<tbody>
<tr>
<td>Sep. 6, 2018</td>
<td>Mussel Hatchery Tour</td>
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<td>Sep. 13-14, 2018</td>
<td>PSPE State Conference in Johnstown</td>
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<td>Oct. 4, 2018</td>
<td>Ductless HVAC Cooling Tower Collapse</td>
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<td>Nov. 1, 2018</td>
<td>Philadelphia Floodplain Development Ethics taught by Frank Stanton, PE</td>
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<tr>
<td>Dec. 4, 2018</td>
<td>Annual Multi-Society Meeting (Organized by the Engineers’ Club)</td>
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<td>DoubleTree Philadelphia Hotel</td>
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<td>Jan. 3, 2019</td>
<td>3D Printing Tour</td>
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<td>Feb. 7, 2019</td>
<td>Legislative Round Table at ChartHouse</td>
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<td>Feb 9, 2019 MathCounts</td>
<td>Phila Chapter MathCounts Competition</td>
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<td>at Temple University</td>
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<td>Feb 15, 2019 ECP eWeek Luncheon</td>
<td>Luncheon by Engineers' Club of Phila</td>
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<td>Location and Details TBD</td>
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<tr>
<td>Feb 19, 2019 ECP Young Engr</td>
<td>Networking Event by ECP Location and Details TBD</td>
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<tr>
<td>Feb 21, 2019 ECP Awards</td>
<td>Awards Reception by ECP Location and Details TBD</td>
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<tr>
<td>Feb 23, 2019 NSPE Engineers’ Week Banquet</td>
<td>Greater Philadelphia and Delaware Valley Regional National Engineers’ Week Banquet</td>
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<td>Mar 7, 2019</td>
<td>Two Courses TBD</td>
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<td>Apr 4, 2019</td>
<td>Two Courses TBD</td>
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<td>May 2, 2019</td>
<td>Annual Meeting &amp; Officers Installed</td>
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<td>May 19-21, 2019</td>
<td>PSPE 24 PDH Boot Camp Central</td>
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<tr>
<td>May 22, 2019 STEM Awards</td>
<td>STEM Awards Night at CBS3 MathCounts, Future City, Sea Perch, HighSchoolScholarships, BestTeachers</td>
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<tr>
<td>Jun 16-18, 2019</td>
<td>PSPE 24 PDH Boot Camp West</td>
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Outstanding Engineering Achievement
Call for Nominations


The Outstanding Engineering Achievement Awards Program strives to recognize projects, regardless of engineering discipline, that demonstrate engineering challenges and innovative solutions, communicate the importance of the Engineering Profession to society, and provide a clear and tangible benefit to the Greater Philadelphia Area and Delaware Valley Region. This year's program will follow this same principle, in that the Outstanding Award will be presented to one project that best meets these criteria as determined by our panel of judges, typically comprised of the presidents of the four chapters in the southeast region of Pennsylvania PSPE as well as the two chapters of Delaware Valley region of NJSPE.

For more information click HERE or http://www.pspe-philly.org/oea/OEA.html

Outstanding Engineering Achievement
Winners from 2017:

Outstanding: Langan Engineering
Temple University STAR Complex
click for full presentation

Notable: Langan Engineering
Bartam's Mile Redevelopment
click for full presentation

Honorable: STV
Betsy Ross Interchange Section BR0

Also: Urban Engineers
Bus Rapid Transit Station Enhancements
Along Roosevelt Boulevard

Click projects above for PDFs of presentations
Also from Chapter website www.pspe-philly.org

OFFICERS

Erik Hoet, PE President
Fredric Plotnick, PE President-Elect
vacant Vice President
Robert Cargill, PE Past President
Andrew Pockl, PE Secretary
Chris Fell, PE Treasurer
Abraham El Membership Secretary
Thomas Friese, PE State Director
this is a three year position completing in May 2019
Soheila Rahbari, PE Alt State Director
Yefim Gudesblat, PE Chapter Director, 2019
vacant Chapter Director, 2019
Ed Pluciennik, PE Chapter Director, 2020
vacant Chapter Director, 2020
Rick Parisi, PE Chapter Director, 2021
Robert Cargill, PE Chapter Director, 2021

Members interested in joining our Board should contact President Erik Hoet at President@PSPE-Philly.org

MATHCOUNTS

MathCounts is Saturday, February 9th
MATHCOUNTS is a program sponsored by the National Society of Professional Engineers (NSPE) and its state and local Chapters, promoting excellence in mathematics. Each year, there are competitions to engage 6th, 7th, and 8th graders and recognize the best schools and students on a local, state, and national level.

For those not local to Philadelphia but interested in helping at a MATHCOUNTS competition near you, please consider volunteering with a great program.

To volunteer or for more information contact Abraham El
O: 215-254-7778 | M: 215-796-5261 | AEl@Pennoni.com

To Donate to Mathcounts:

High School 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, or may be obtained on-line at:

Continuing Education

Engineers licensed in Pennsylvania are required to have completed 24 professional development hours (PDH) before 28 Sep 19. Engineers licensed in many other states also have requirements. PSPE Philadelphia attempts to assist ALL engineers (including non-members of PSPE) meet this need.

We have monthly meetings, most offering up to two hours, reviewed for probable acceptance by PA, NJ and model states, and pre-approved for NY. Our Chapter was instrumental in creation of the State Continuing Education Boot Camp to acquire all 24 credits within three days. We have recorded many of our own and other presentations for earning of credits on-line at $5 per credit hour.

PSPE Philadelphia is providing ONLINE PDH Credits for only $5/PDH

Visit our Online PDH Delivery System Now
Click HERE
OR
http://www.pspe-philly.org/MCECourses/BuyNow-1.htm

PSPE Philadelphia is proud to announce Joseph F. Maida, PE, named PSPE 2018 Engineer of the Year

Joe Maida has been a strong PSPE advocate since joining NSPE and PSPE in 1976. Mr. Maida knows first hand the training and leadership regimen found in PSPE. He served as a Board Member and Chapter President in two PSPE chapters, Valley Forge and Philadelphia. Mr. Maida has encouraged his employees to not only join NSPE and PSPE but also to be active in these organizations. Maida Engineering has sponsored four PSPE chapter presidents, PSPE board members, a PSPE state president, an NSPE board member and an NSPE president with his support and encouragement.

Mr. Maida has made presentations at PSPE annual conferences and continuing education events. In addition, he is active in NYSSPE Practicing Institute of Engineering (PIE) and regularly reviews presentations to assess if they qualify for PDH credit for engineers licensed in New York. He has been instrumental in the success of the PSPE Education Committee. Mr. Maida is a member of the Philadelphia Section of the IEEE and has presented many programs at local meetings on a variety of professional and technical topics. Mr. Maida is also a member of the Engineers Club of Philadelphia, and served on its board for several years.

from NSPE’s website

“The National Transportation Safety Board’s new report on the deadly pipeline safety in Massachusetts in September calls for a significant legislative change that NSPE has strongly advocated for years: elimination of professional engineer licensure exemptions.

The report, released on November 15, recommends that the state of Massachusetts “eliminate the professional engineer licensure exemption for public utility work and require a professional engineer’s seal on public utility engineering drawings.” In addition, NTSB recommends that, moving forward, NiSource, the parent company of Columbia Gas, have a PE sign and seal all construction documents. NiSource owns and operates the gas distribution system in which the explosions occurred.”

commentary by the Philadelphia Engineer editor: Titusville Pennsylvania was the location of the first oil well drilled in 1859. And so, while Pennsylvania was at the forefront of requiring engineers to be licensed, those in the oil and gas industry have been exempt from the requirement of overview of competence by a Board of Engineers as are others who are responsible for the health safety and welfare of the public. Other states may have other “sacred cows” such as New Jersey and the telecommunication industry.

But whether an industry may have deep pockets to compensate victims of negligence or even deliberate indifference to deaths and injuries is no excuse. Our legislators must be informed of the need for the self policing of engineering professionals by other engineers which are the basis of our registration laws.

To learn more, read NSPE’s Exemptions to Engineering Licensure Laws: A State-By-State Summary and similar reports available here.