



# The Philadelphia Engineer

Founding Chapter 1934 – December 2018 issue

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](mailto:President@PSPE-Philly.org).

Pennsylvania Society of Professional Engineers Philadelphia Chapter 2018-2019 Program	
Date	Event - Click Event for Details
Sep. 6, 2018	<a href="#">Mussel Hatchery Tour</a>
Sep. 13-14, 2018	<a href="#">PSPE State Conference in Johnstown</a>
Oct. 4, 2018	<a href="#">Ductless HVAC Cooling Tower Collapse</a>
Nov. 1, 2018	<a href="#">Philadelphia Floodplain Development Ethics taught by Frank Stanton, PE</a>
Dec. 4, 2018 11:30am - 2pm Multi-Society	<a href="#">Annual Multi-Society Meeting</a> (Organized by the Engineers' Club) DoubleTree Philadelphia Hotel
Jan. 3, 2019	3D Printing Tour
Feb. 7, 2019	<a href="#">Legislative Round Table at ChartHouse</a>
Feb 9, 2019 MathCounts	Phila Chapter MathCounts Competition at Temple University
Feb 15, 2019 ECP eWeek Luncheon	<a href="#">Luncheon by Engineers' Club of Phila</a> Location and Details TBD
Feb 19, 2019 ECP Young Engr	<a href="#">Networking Event by ECP</a> Location and Details TBD
Feb 21, 2019 ECP Awards	<a href="#">Awards Reception by ECP</a> Location and Details TBD
Feb 23, 2019 NSPE Engineers' Week Banquet	<a href="#">Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet</a>
Mar 7, 2019	<a href="#">Two Courses TBD</a> <a href="#">Two Courses TBD</a>
Apr 4, 2019	<a href="#">Two Courses TBD</a> <a href="#">Two Courses TBD</a>
May 2, 2019	Annual Meeting & Officers Installed
May 19-21, 2019	PSPE 24 PDH Boot Camp Central
May 22, 2019 STEM Awards	<a href="#">STEM Awards Night at CBS3</a> MathCounts, Future City, Sea Perch, HighSchoolScholarships, BestTeachers
Jun 16-18, 2019	PSPE 24 PDH Boot Camp West

## Outstanding Engineering Achievement Call for Nominations

Pennsylvania Society of Professional Engineers (PSPE) Philadelphia solicits your help in seeking nominations for projects for the Outstanding Engineering Achievement Awards Program for 2018. Nominations are due November 19, 2018.

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 BRO

### 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](http://www.pspe-philly.org)



## OFFICERS

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

Members interested in joining our Board should contact President Erik Hoet at [President@PSPE-Philly.org](mailto: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 EI  
O: 215-254-7778 | M: 215-796-5261 | [AEI@Pennoni.com](mailto:AEI@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:

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

# Continuing Education

Engineers licensed In Pennsylvania are required to have completed 24 professional development hours (PDH) before 28sep19. 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 explosion 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."

for more click [HERE](#).

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](#).

