



# The Philadelphia Engineer

Founding Chapter 1934 – February 2020 issue

## 2019-20 Chapter Program The Pennsylvania Society of Professional Engineers Philadelphia Chapter

Thursday, February 6, 2020

Social 5:30 Dinner 6:00 Program 6:30-8:30  
Chart House Restaurant  
555 S Christopher Columbus Blvd - Phila

### TWO PROGRAMS on PROFESSIONALISM PSPE's Lobbyist on Current Legislation Chat with the PA Board of Engineers

During our first hour, returning to the origins of our Society, this round table provides Members an opportunity to shape our Society input to our State Legislators. Led by John Wanner, our Society lobbyist, we will discuss one or more of the bills now pending in the PA Legislature.

During our second hour, we will chat with Frank Stanton, President of the Board of Engineers, on how the Board helps guide Engineers to protect the public. Issues relating to ethics and the civic obligations of professional engineers will also be discussed.

Cost is \$25 for Members of PSPE - \$40 for non-members  
Click [www.PSPE-Philly.org](http://www.PSPE-Philly.org) for Reservations

## Outstanding Engineering Achievement Program

Top regional projects judged by  
Presidents of regional chapters  
Winners for 2019:

Professional Systems Engineering  
Pennsylvania Capitol Police Integrated  
Command Center

Notable: Maida Engineering  
Sky Diving Wind Tunnel Power and Drive System  
Honorable: Pennoni Associates  
Edge Hill Road/Tvson Avenue Improvement Project

Click projects above for PDF of presentation

## Philadelphia Chapter Program 2019-2020

Our program for 2019-20 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 2019-2020 Program

Date	Event - Click Event for Details
Sep. 5, 2019	<a href="#">The Rail Park</a>
Sep 19-20, 2019	<a href="#">PSPE State Conference Bethlehem</a>
Sep 26-27, 2019	<a href="#">PhillyChapter Education BootCamp</a>
Oct. 3, 2019	<a href="#">Power Plants 101</a> <a href="#">Sky Diving Wind Tunnel</a>
<b>Nov. 7, 2019</b>	<a href="#">Smart Cities</a> <a href="#">Amusement Rides</a>
Dec. 5, 2019	<a href="#">Delaware Valley Region Outstanding Engineering Achievement Program</a>
SE Regional Dec. 10, 2019 ECP Multi-Society	<a href="#">Annual Multi-Society Meeting</a> DoubleTree 237 Broad â€ 5:30pm
Jan. 9, 2020	<a href="#">Electrical Safety in the Workplace</a> <a href="#">Ethics, Fairness and your PE License</a>
Jan. 23 2020	<a href="#">Tour Philadelphia Airport</a>
Feb 1, 2020 MathCounts	<a href="#">Phila Chapter MathCounts at Temple University</a>
Feb. 6, 2020	<a href="#">Legislative Round Table at Chart House Restaurant</a>
Feb 13, 2020	<a href="#">Dinner Event by Engineers' Club</a>
Feb 15, 2020 ECP YoungEng	<a href="#">Engineers Club Networking Event</a> location tbd
Feb 22, 2020 NSPE PA/NJ Engineers' Week Banquet	<a href="#">Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet</a> at Chart House Restaurant
Mar 5, 2020	<a href="#">Fracking</a> <a href="#">ASTM Walkway Safety Standards</a>
Apr 2, 2020	<a href="#">Helical Piles</a> and <a href="#">Geotech at Phila Navy Yard</a>
May 7, 2020	Annual Meeting & Officers Installed
Aug 12-16, 2020	PSPE State Conference and NSPE Conference in Philadelphia

Join us for #PECON20 in



Philadelphia August 12–16, 2020

# 2020 NATIONAL ENGINEERS' WEEK BANQUET

Hosted by the Philadelphia Chapter of PSPE

**Keynote Address**  
**Richard Paleski**  
**CBS National Engineer**  
**"Projects become obsolete – not Engineers"**

Saturday - February 22, 2020

5:00 PM to 10:00 PM

Chart House Restaurant

555 S Christopher Columbus Blvd

Philadelphia, PA 19147

215-625-8383 - Free Parking

Recognize, Promote and Celebrate the Role  
Engineers fill in the Greater Philadelphia Area

**90 Minute Reception before dinner is served**  
**(with Hot Butlered Hors d'Oeuvres and Cash Bar)**  
**then a Full Course Dinner**  
**and an after dinner Dessert Reception**

- Program and Presentations -

Presentation of Outstanding Engineering Achievement Awards  
Presentation of MathCounts and STEM Awards

Price per person is \$70.00 - Student Rate is \$35.00



## Philadelphia Adds PE Requirement to Increase Construction Site Safety

Following recent construction-related collapses, the City of Philadelphia made the move to increase public safety with a new PE inspection requirement for excavation projects.

The Department of Licenses and Inspections added the regulations in response to building collapses and property damage tied to an uptick in redevelopment in the city over the last few years, according to the Philadelphia Inquirer. For example, a family lost their home in February because of excavation activity at a building next door involving a construction crew without proper permits.

The department updated its building permitting process related to excavations and protection of adjacent property (both public and private) to require monitoring and inspection by a licensed professional engineer. An inspection is needed when the construction project meets the following conditions: 1) When underpinning or structural support is specified or required; 2) Where excavations in excess of 12 feet in depth require engineer-designed sheeting and shoring; and 3) Where an excavation is three feet or less from an existing building. The PE requirement went into effect in August.

## Call for Nominations

The Philadelphia Chapter is looking for a Few Good Engineers to lead our Chapter for the 2020-21 chapter year and beyond. President-Elect Chris Fell will rise to be our President; we seek Members who may desire to join him in leading our Chapter.

## MATHCOUNTS

MathCounts is Saturday, February 1st

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 | [AEI@Pennoni.com](mailto:AEI@Pennoni.com)

To Donate to Mathcounts:

Donate



## FRANKLIN INSTITUTE: INTRODUCE A GIRL TO ENGINEERING DAY

**Saturday February 22, 2020 from 10:00 AM to 3:00 PM**  
ASCE Philadelphia YMF has invited the Philadelphia PSPE chapter to team up in presenting an engineering activity for the Outreach Day at the Franklin Institute on Saturday, February 22nd, 2020. If you are interested in volunteering, contact Linda Douthwaite [ldouthwaite@pennoni.com](mailto:ldouthwaite@pennoni.com)

Events of the Engineers' Club  
and many other organizations  
of interest to Engineers  
may be viewed at ECP Calendar  
at <http://engrclub.org/events>

## Join PSPE Philadelphia for #PECON20 in



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