



The Philadelphia Engineer

Founding Chapter 1934 – January 2020 issue

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

Monthly Dinner Meeting January 9, 2020

To be held at Pennoni Associates
1900 Market St - Suite 300
Philadelphia, PA 19103

attendees should enter at the 19th and Market entrance

Electrical Safety in the Workplace - What Has Changed?
Ethics, Rightness, Fairness, Equity and your PE License
each presented by Joseph F. Maida, PE

Registration & Pizza: 5:30 PM to 6:00 PM
Course Presentations: 6:00 PM to 8:00 PM
Price - \$25.00

[Click here for reservations for either event](#)

2nd Monthly Event January 23, 2020

Tour of the Central Utility Building
of the Philadelphia International Airport
6:30 to 8:00 PM

[Click here for reservations for either event](#)

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.

Pennsylvania Society of Professional Engineers Philadelphia Chapter 2019-2020 Program

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

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

2020 NATIONAL ENGINEERS' WEEK BANQUET

Hosted by the Philadelphia Chapter of PSPE

Keynote Address

Richard Paleski

CBS National Engineer

"Projects become obsolete – not Engineers"

Members of NSPE Chapters and other engineering groups of Delaware Valley are invited to join our eWeek Committee and help set the Program and choose our Speaker - please contact [Banquet Committee](#)

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 -
Status of STEM – Awards – Keynote

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



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.

BYLAW 12 - Nomination and Election of Officers and Directors Section 3. The Nominating Committee shall report the names of its nominees for each open position to the Board at its January meeting.

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

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. The Philadelphia Chapter selects students to be provided tuition assistance by Drexel University of \$5000 for 5 years or by Temple University of \$2000 for 4 years. The Chapter also awards two stipends of \$500. 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>.

Applications must be postmarked prior to January 24th

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