



# The Philadelphia Engineer

Founding Chapter 1934 – April 2020 issue

## 2019-20 Chapter Program

The Pennsylvania Society  
of Professional Engineers  
Philadelphia Chapter

Monthly Dinner Meeting and Courses

**April 30, 2020**

THIS IS THE 5TH THURSDAY OF APRIL

To be held at Pennoni Associates  
1900 Market St - Suite 300  
Philadelphia, PA 19103  
attendees should enter at the 19th and Market entrance

Registration & Pizza & Wings: 5:30 PM to 6:00 PM  
Course & Presentation: 6:00 PM to 8:00 PM

Geotechnical Engineering for Foundations at the  
Philadelphia Navy Yard

Presented by Robert Jost, PE and Edward Phelps, PE  
GZA GeoEnvironmental, Inc.  
and

Helical Piles

Presented by Craig R. Calabria, Ph.D., P.E.  
Visiting Professor & University of Salford Consulting Engineer

Board Meeting open to all Members at 5pm immediately BEFORE Chapter Meeting

New reduced pricing to encourage Member participation  
Cost is \$15 for Members of NSPE - \$20 for non-members

Click [www.PSPE-Philly.org](http://www.PSPE-Philly.org) for Reservations

## Outstanding Engineering Achievement Program

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 SE Regional	<a href="#">Delaware Valley Region Outstanding Engineering Achievement Program</a>
Dec. 10, 2019 ECP Multi-Society	<a href="#">Annual Multi-Society Meeting</a> DoubleTree 237 Broad &€ 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 30, 2020 <b>NOTE NEW DATE</b>	<a href="#">Helical Piles</a> and <a href="#">Geotech at Phila Navy Yard</a>
May <b>TBD</b> , 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

# From Thomas J Friese, PE PSPE State Treasurer and Phila Chapter State Director

The PSPE Board Executive Committee held its monthly meeting on March 18th by teleconference as typical but also as expected in the days of COVID-19. General business was conducted with several items of note:

- The State legislature was to be in session but is in recess given the COVID-19 pandemic. Several pieces of legislation affecting Engineers are in various states of consideration, in particular House Bill 21 wherein it is stated that home inspectors shall be regulated by the real estate appraisers board and will not fall under the Engineer Registration Board. House Bill 2101 further defines the practice of Land Surveying to help preclude preparation of land surveys by unlicensed persons.
- Currently in planning is the joint Annual Conference of the NSPE and PSPE to be held in Philadelphia in August. The current prohibition in Philadelphia of even small groups congregating is noted but the Conference is currently still a Go! Registrations will start on April 1<sup>st</sup>. The COVID-19 situation is changing daily and whether the Conference can be held is continually being assessed.

Chapter Committees provide many services to Members, all Engineers and the General Public. We thank current Chairs and Volunteers and ask all Members to consider joining us serve the Chapter and the Public.

Committee	Appointed Chair
<a href="#">BYLAWS</a>	Leonard Bernstein, PE, F.NSPE
<a href="#">Budget</a>	Linda Douthwaite, PE
<a href="#">Chapter Fund</a>	Jozef Zurawski, PE
Chapter Activities/Meetings	Joseph Maida, PE
Continuing Education	Joseph Maida, PE
<a href="#">High School Scholarships</a>	Fredric Plotnick, PE
<a href="#">MathCounts</a>	Abraham El
<a href="#">National Engineers' Week Celebrations</a>	Thomas J. Friese, PE
Nominating (immediate past president)	Erik Hoet, PE
<a href="#">Outstanding Engineering Achievement</a>	Fredric Plotnick, PE
<a href="#">Publications The Philadelphia Engineer</a>	Fredric Plotnick, PE
<a href="#">Website</a>	Fredric Plotnick, PE

For Committees seeking a Champion and Chair see <http://www.pspe-philly.org/committees/committees.html>



# 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.

**A second April Newsletter will officially publish Nominations per Bylaws.**

## MATHCOUNTS

MathCounts was 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.

## 2020 Winners

Top Teams:

**First Place:** Julia Reynolds Masterman

- Coach: Chris Taranta

**Second Place:** Germantown Friends School

- Coach: Catherine Jones

**Third Place:** Springside Chestnut Hill Academy Boys

- Coach: Andrew Wolf

Top Individuals:

1st: Sivan Frankel, Julia Reynolds Masterman

2nd: Michael Huang, Julia Reynolds Masterman

3rd: Chris Ji, Julia Reynolds Masterman

4th: Alvin Pan, Julia Reynolds Masterman

5th: Tomas Falleti-Moore, Julia Reynolds Masterman

6th: Yehuda Mahlab, Julia Reynolds Masterman

7th: Cathy Liu, Germantown Friends School

8th: August Russell, Julia Reynolds Masterman

9th: Arjun Goswani, Springside Chestnut Hill Academy

10th: Sasha Manovski, Germantown Friends School

**Thank you to our Chapter MathCounts Team  
Alex Sopin - Pedro Pinto - Abraham El  
and all volunteers and coaches**

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



Join PSPE Philadelphia for #PECON20 in



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