



The Philadelphia Engineer

Founding Chapter 1934 – February 2019 issue

2019 NATIONAL ENGINEERS' WEEK BANQUET

Hosted by the Philadelphia Chapter of PSPE

Keynote Address

"from STEM to STEAM"

'why appreciation of art is necessary to be a good engineer'

Bill Marrazzo

President & Chief Executive Officer of WHY
formerly President & CEO of Weston Solutions
formerly Commissioner of Philadelphia Water Department

Saturday - February 23, 2019

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**

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

Outstanding Engineering Achievement Program

Top regional projects judged by
Presidents of regional chapters
Winners for 2018:

Outstanding: Urban Engineers

[The Rail Park](#)

Notable: Maida Engineering

[Replacement of St Louis Arch Tram MG Sets](#)

Honorable: Pennoni Associates

[West Deptford 625000sf Amazon "Sort" Facility](#)



2018-19 Chapter Program

Thursday, February 7, 2019

Legislation Impacting Engineers A Round Table Discussion

Social 5:30 Dinner 6:00 Program 6:30

Chart House Restaurant

555 S Christopher Columbus Blvd - Phila

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. The meeting will be held at the Chart House Restaurant, seating will be limited and advanced reservations required. Open only to Members of PSPE.

[Click here for reservations](#)

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.

This year on Saturday, February 9th, Philadelphia MATHCOUNTS will be held in Room 200 of the Student Center on the Main Campus of Temple University from 8:00 AM to 2:00 PM. The Student Center is located at the intersection of 13th Street and Montgomery Avenue.

We need volunteers to help sign teams in, check exams, tally scores, proctor the examination room, and assist with pre-competition preparations.

NO MATH SKILLS or CALCULATIONS are NECESSARY!!! Coffee and doughnuts are provided early and we offer lunch for our volunteers as well. If you can assist for some time during or the entire Philadelphia event, please contact me.

For those not local to Philadelphia but interested in helping at a MATHCOUNTS competition near them, 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

Currently Competing Are:

Friends Select School Germantown Friends School
J R Masterman School Saint Mary Interparochial School
Springside Chestnut Hill Academy Boys Middle School
Springside Chestnut Hill Academy Middle School For Girls
The Philadelphia School

To Donate to Mathcounts:

[Donate](#)



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

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.

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.

Pennsylvania Society of Professional Engineers Philadelphia Chapter 2018-2019 Program	
Date	Event - Click Event for Details
Sep. 6, 2018	Mussel Hatchery Tour
Sep. 13-14, 2018	PSPE State Conference in Johnstown
Oct. 4, 2018	Ductless HVAC Cooling Tower Collapse
Nov. 1, 2018	Philadelphia Floodplain Development Ethics taught by Frank Stanton, PE
Dec. 4, 2018 11:30am - 2pm Multi-Society	Annual Multi-Society Meeting (Organized by the Engineers' Club) DoubleTree Philadelphia Hotel 237 South Broad at Locust Street
Dec. 6, 2018 SE Regional Event	Delaware Valley Region Outstanding Engineering Achievement Presentations
Jan. 3, 2019	Philadelphia Southeast Water Pollution Control Plant Course/Tour
Feb. 7, 2019	Legislative Round Table - ChartHouse
Feb 9, 2019 MathCounts	Phila Chapter MathCounts Competition at Temple University
Feb 14, 2019 ECP Dinner	Dinner Event by Engineers' Club DoubleTree Philadelphia Hotel
Feb 19, 2019 ECP Young Eng	Young Engineers Social by ECP Ladder 15 at 1528 Sansom Street at 6pm
Feb 23, 2019 NSPE Engineers' Week Banquet	Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet
Mar 7, 2019	Patent Application and Process Growing Marijuana
Apr 4, 2019	Compressors for Fire Suppression Replacing of MG Sets for St. Louis Arch
May 2, 2019	Annual Meeting & Officers Installed
May 19-21, 2019	PSPE 24 PDH Boot Camp Central
May 22, 2019 STEM Awards	STEM Awards Night at CBS3 MathCounts, Future City, Sea Perch, HighSchoolScholarships, BestTeachers
Jun 16-18, 2019	PSPE 24 PDH Boot Camp West
Sep 19-20, 2019	PSPE State Conference in Bethlehem



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 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>

After Pipeline Explosion, NSPE Wins Case for Ending License Exemption

NSPE's major effort to improve public safety in the aftermath of a deadly pipeline explosion in Massachusetts has resulted in a new state law. On December 31, Governor Charlie Baker [signed emergency legislation](#) that requires a licensed professional engineer to approve plans for engineering work associated with natural gas infrastructure in the commonwealth. [Excerpt from email from NSPE Update]



Nominations are open for NSPE's next class of Fellows, a membership grade that honors professional engineers who have demonstrated exemplary service to the profession, the Society, and the community.

Requirements for the designation include holding at least one elected office at the chapter, state, or national level and active involvement at the national level.

The deadline for nominations is **February 1**.

[Learn more about the Fellow membership grade and nomination.](#)

Chapter Meeting Water Pollution Control Plant Tour January 3 2019

