



# The Philadelphia Engineer

Founding Chapter 1934 – September 2022 issue

## 2022-23 Chapter Program

The Pennsylvania Society  
of Professional Engineers  
Philadelphia Chapter

Monthly Dinner Meetings, Tours and Courses

### September 8th, 2022

Septa's WAWA Station Service Restoration Project  
5:45PM Live Networking  
6:00 Depart Elwyn Station (149 Elwyn Road, Media, PA)  
6:20 Arrive Wawa Station (1490 W. Baltimore Pike, Media)  
7:08 PM Depart Wawa Station - 7:13 PM Arrive Elwyn Sta.

Tours and Courses will each be accredited for 1.0 Professional Development Hour by the Pennsylvania Society of Professional Engineers through PIE to meet continuing education license requirements in New York State. PSPE believes that both courses will be accepted for credit in PA, NJ and other National Model states where courses do not require pre-approval

Click or go to <http://pspe-philly.org/#reservations> to join us

PSPE's 2022 Online Conference  
Sustainability, Ethics, and Engineering  
September 13 & 15, 2022  
Earn up to 6 PDHs over two days. [Click HERE](#)

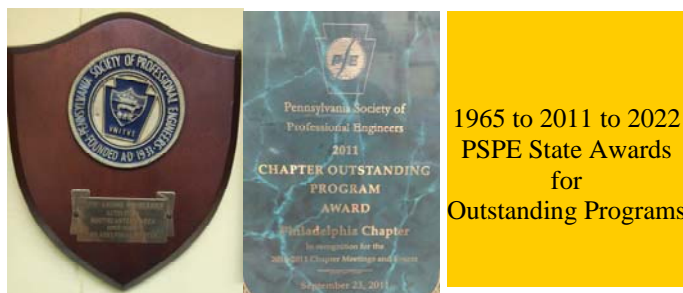
PSPE State Celebration of Engineers  
Networking Fair, Installation of Officers, and  
Awards Ceremony  
September 23-24, 2022 | Wilkes-Barre, PA  
**2022 PSPE AWARD WINNERS:**  
PSPE State Engineer of the Year: Peter Staffeld, PE,  
from the LEHIGH VALLEY Chapter  
PSPE State Young Engineer of the Year: David Jackson, PE,  
from the PITTSBURGH Chapter  
PSPE Chapter Communications Award: BEAVER COUNTY  
**PSPE Chapter Outstanding Program Award: PHILADELPHIA**  
More info: <https://www.pspe.org/2022-pspe-awards-and-installation/>

## 2022-23 Chapter Program

Our Philadelphia Chapter program for 2021-22 has been awarded PSPE Chapter Outstanding Program Award to be presented at the State PSPE Annual Meeting September 23rd. Our program for 2022-23 is currently under development. Our first draft 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 2022-2023 Program	
Date	Event - Click Event for Details
Sep.8, 2022	<a href="#">Tour of New WAWA Septa Station</a>
Sep 13&15 State	<a href="#">PSPE State Conference Virtual</a>
Sep. 23 State	<a href="#">PSPE State Annual Conference Live</a>
Oct. 6, 2022	<a href="#">Live/Virtual TBD</a>
Nov. 3, 2022	<a href="#">Live/Virtual TBD</a>
Dec. 1, 2022	<a href="#">Delaware Valley Region Outstanding Engineering Achievement Program</a>
Dec 15, 2022 ECP	<a href="#">ECP Multi-Society</a>
Jan. 5, 2023	<a href="#">Tour Penn Medical Pavilion (invited)</a>
Feb. 2, 2023	<a href="#">Live/Virtual TBD</a>
Feb 4, 2023 MathCounts	<a href="#">Phila Chapter MathCounts Live at TBD</a>
Feb 25, 2023 NSPE PA/NJ Engr's Week	<a href="#">Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet</a>
Mar 2, 2023	<a href="#">Live/Virtual TBD</a>
Apr 6, 2023	<a href="#">Live/Virtual TBD</a>
May 4, 2023	<a href="#">Annual Meeting &amp; Officers Installed</a>

State Registration Board for Professional  
Engineers, Land Surveyors and  
Geologists Meeting  
September 23 @ 10:30 am - 11:30 am  
**Boardroom C**, Penn Center One (2601 N. 3<sup>rd</sup> Street,  
Harrisburg, PA 17110) Please arrive at 10:15am or  
[Click here to join online](#)



1965 to 2011 to 2022  
PSPE State Awards  
for  
Outstanding Programs



# President's Message

I am thrilled to begin another year of excellent activities with my fellow engineers in the Delaware Valley, and in particular, the Philadelphia Chapter of PSPE. There are large shoes to fill as Chris Fell moves on to Immediate Past President. He was able to guide us through two difficult years of covid protocols and transition from almost all activities being in person to virtual presentations. Our upcoming tour of the new SEPTA Wawa Station should be quite interesting and includes a free ride on a dedicated SEPTA train to observe first hand rail improvements associated with the project.

We are happy to announce that we will return to live tours in two of our monthly programs in the 2022-23 calendar. We will also be providing opportunities for continuing education including, we anticipate, New York State approved sessions. Keep checking back to our [web page](#) for updates on the program opportunities.

Lastly, the State Society is providing continuing education opportunities as well as part of the 2022 Annual Conference being held in September. [Click here](#) for information on continuing education provided virtually on September 13th and 15th (up to 6 PDHs). If you would like to join us for the Annual Awards Celebration and induction of officers on September 25th at Wilkes University, [information can be found here](#). We look forward to your support and camaraderie.

Respectfully, Tom Friese, PE



## MATHCOUNTS

MathCounts for 2022 has been virtual

But will again be LIVE for 2023

for more information click [HERE](#) or

<https://www.mathcounts.org/sites/default/files/Critical%20Dates%20for%20Website%20KC.pdf>

**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.

**Important Dates:** Philly Chapter FEB 4th 8am at location TBD  
Other SERegion Chapters TBD

State Competition MAR 17-18th in Harrisburg

For those not local to Philadelphia but interested in helping at a MATHCOUNTS competition near you, please consider volunteering in your county with this 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)

## MATHCOUNTS 2022 Participants

<u>School Name</u>	<u>Coach</u>	<u>Participants</u>
Germantown Friends School	Kate Jones	15
J R Masterman School	Chris Taranta	15
Springside Chestnut Hill Academy Boys Middle School	Andrew Wolf	15
Springside Chestnut Hill Academy Middle School Girls	Abbie Willing	12
St Francis Xavier School	Natalie Damora	1
The Philadelphia School	Liz McCannell	11
William Penn Charter School	Jennifer Ketler	15

## 2022 Statewide Winners

Click [HERE](#) for Statewide Results

## 2022 Philadelphia Chapter Winners

**Top Individuals:**

Calvin Wang, Julia Reynolds Masterman School

Jonathan Yang, Germantown Friends School

Vrishab Koshik, Julia Reynolds Masterman School

Sohail Aji, C. C. A. Baldi Middle School

**Thank you to our Chapter MathCounts Team**

**Alex Sopin - Pedro Pinto - Abraham El**

**and all volunteers and coaches**

To Donate to Mathcounts:



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 assist the Chapter, all of PSPE, NSPE, all Registered Professional Engineers and others providing engineering services, and the Public whom we serve.

## Your Chapter Champions:

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)	Fredric Plotnick, 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>

### CONTINUING EDUCATION NEWS

**Get Your Continuing Education Credits NOW for only \$5/PDH**

[Visit our Online PDH Delivery System Now](#)

**Click HERE** or ...

<http://pspe-philly.org/MCECourses/BuyNow-1.htm>

#### Some Course Offerings Include:

#### Two On Electrical Engineering The National Electrical Code

by Joseph Maida, P.E. and

#### Update on Electrical Engineering

by Joe McGowan, Ph.D, P.E.

This Activity is credited for 2 PDH PA NY (120 minutes) Charge for this program is \$10

#### Ethics and Dispute Resolution

Prepared by Rebecca A. Bowman, Esq., P.E., D.F.E.

Presented at Chapter Virtual Meeting of April 2022

This Activity is credited for 2.0 PDH for PA NY and 2.0 Ethics PDH for NJ (120 minutes) Charge for this program is \$10

## Outstanding Engineering Achievement Program

OEA program was not run for 2020 due to the Covid pandemic

Competition for 2021 was on 12/2/21

Competition for 2022 will be 12/1/22

Nominations for 2022 due 11/17/22

- Projects or major component completed in 2022
- Designed, built or manufactured in our region
- Judged by Presidents of PSPE NJSPE of region
- Judged on **Innovation shown in Engineering**
- Tie breakers: Highlighting Engineers, Our Region
- More at <http://pspe-philly.org/oea/OEA.html>

#### Winners for 2021:

Outstanding: ADCON Consultants

[HVAC Replacement at Torresdale Filtered Water Pumping Station](#)

Notable: LANGAN Engineering

[The Pavilion - Penn Medicine](#)

Honorable: Pennoni Associates

[Schuylkill River Trail- 58th Street Extension](#)

Click projects above for PDF of presentation

### 2023 NATIONAL ENGINEERS' WEEK

[BANQUET Hosted by the Philadelphia Chapter](#)

Saturday - February 25, 2023 - HOLD THE DATE

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 Butlred 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



**Outstanding Engineering Achievement Award**  
Presented to Larry Dibor by Senator Anthony Williams

# 2022-23 Officers

Thomas Friese, PE	President
Robert Cargill, PE	President-Elect
vacant	Vice President
Chris Fell, PE	Past President
Linda Douthwaite, PE	Secretary
Linda Douthwaite, PE	Treasurer
vacant	Membership Secretary
Abraham El	State Director, 2024
Thomas Friese, PE	Alt State Director
Ed Pluciennik, PE	Chapter Director, 2023
Len Bernstein, PE, F.NSPE	Chapter Director, 2023
Erik Hoet, PE	Chapter Director, 2024
Fredric L. Plotnick, PE	Chapter Director, 2024
Yefim Gudesblat, PE	Chapter Director, 2025
Justin Alexander, PE	Chapter Director, 2025

\* Directors are 3 year positions completing May year noted

# NSPECon22

## Reimagined in Philadelphia

Nearly 250 attendees and exhibitors came together at NSPECon22—NSPE's premier conference for professional engineers—in Philadelphia, August 1-3, to further their professional development and celebrate Licensed PE Day.

[Read more HERE](#)

[View our Chapter Welcome HERE](#)

### Engineers' Creed (2021)

As a Professional Engineer, I dedicate my professional knowledge to the advancement and betterment of public health, safety, and welfare.

I pledge:

To give the utmost of performance;

To participate in none but honest enterprise;

To live and work according to the highest standards of professional conduct;

To place service before profit, the honor and standing of my profession before personal advantage, and the public welfare above all other considerations.

In humility, I make this pledge.

## Report from our State Director

Dear Members:

Two Major Conferences are coming soon and you will not want to miss either one!!!

**PSPE Annual Meeting Online Conference is September 13 and 15.** Earn up to 6 PDHs over two days. [Click HERE](#) to join us.

**PSPE Annual Meeting Live** Networking Fair, Installation of Officers, and Awards Ceremony is **September 23**. More information at: <https://www.pspe.org/2022-pspe-awards-and-installation/>

**MathCounts is again live.** Local Chapter competitions will be in February leading to the State Competition March 17-18, 2023.

Sincerely,  
Abraham El

## Resources from NSPE

Compiled for each State

**free to Members of NSPE**

Click to access:

[How to apply for licensure](#)

[Continuing Education Requirements](#)

[Defining the Practice of Engineering](#)

[Digital Signing and Sealing](#)

[Exemptions to Engineering Licensure](#)

[Violations and Enforcement of Laws](#)

[Disciplinary Self-Reporting Rules](#)

[More Resources](#)

## Report from our Regional VP

Dear Members:

I am honored to have been elected to be your SE Regional Vice President. In the coming year I hope to leverage the work-around skills we developed for the pandemic to instead assist in a better Regional program where each Chapter may draw attendees to meetings and events from across county lines and from our entire Region.

If your Chapter leadership is providing Virtual presentations, let's share Notice with all Members of the Region. If Chapter leadership feels comfortable with live meetings, consider making hybrid with a Zoom feed. I will consider my job to assist Chapters needing a Zoom sponsor, and other technical assistance such as to create or enhance Chapter websites. I also hope to offer this newsletter *The Philadelphia Engineer* as a means for all Chapter leaders to share with Members.

But mostly, I see the position as Regional VP to be to provide whatever assistance requested by Chapter leaders.

Fredric L. Plotnick, PhD, Esq, PE, PLS

