



# The Philadelphia Engineer

Founding Chapter 1934 – Summer 2022 issue

## President's Message

As I begin my second opportunity to support the Philadelphia chapter of PSPE as president, I am excited to again work with an outstanding group of professionals.

As always, our goals will be to support professional engineers in the Philadelphia region through providing a liaison with the state society, continuing education, and social events where we can discuss important issues to the engineering community and strengthen the bonds with our fellow engineers.

The Philadelphia chapter is pleased to be PSPE's local host of NSPECon 2022, the NSPE annual conference, being held in the city of Philadelphia August 1st through 3rd. We are eager to show our fellow engineers from throughout the country that there is more to Philadelphia than cheese steaks and throwing snowballs at Santa Claus. We are indebted to Fredric Plotnick and Chris Fell for their efforts in preparing a [welcome message](#) that includes a little history of engineering firsts in Philadelphia and information about current, significant projects underway in the city.

We are currently planning our meetings and tours for the coming year and ask that you stay tuned so you can join our functions, make new or renew old friendships, and earn some PDHs at the same time. I hope to see you at NSPECon2022 and our meetings this fall.

Thomas J. Friese, PE

## Join us for #NSPECON22 in



Philadelphia August 1-3, 2022

## Countdown to the NSPECon 2022: August 1-3!

### Why Attend?

- Build your network of multi-disciplinary professional engineers.
- Advance your career by learning new skills, expanding your expertise, and preparing for future developments in the industry.
- Access specialized content from experts as they discuss issues and trends impacting the profession.
- Join with colleagues to impactfully advocate for the profession and licensure.
- Earn PDH's to fulfill continuing education requirements.
- Celebrate licensure and the profession on the final day of the conference during the seventh annual Professional Engineers Day.
- Get back to meeting in person! See friendly faces and network during social events.
- Develop power skills and life skills not taught in school

[REGISTER NOW](#)

## 2022-23 Chapter Program

The Pennsylvania Society  
of Professional Engineers  
Philadelphia Chapter

Monthly Meetings, Tours and Courses

Our program for 2022-23 currently under development. Our 2021-22 program and those of prior years are 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).

## Outstanding Engineering Achievement Competition and Awards

Top regional projects judged by  
Presidents of regional chapters

[Plan to Submit Your Project Now](#)

## Winning Projects of 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 VIDEO of presentations

Click [HERE](#) for a Statement from the Judges



**Outstanding Engineering Achievement Award 2022**

Presented to Larry Dibor by Senator Anthony Williams

## 2023 NATIONAL ENGINEERS' WEEK

[BANQUET Hosted by the Philadelphia Chapter](#)  
to be Saturday - February 25, 2023 - Chart House

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**

Formal Presentation of  
Outstanding Engineering Achievement Awards  
Philadelphia MathCounts Competition Winners



## Philadelphia Chapter Program 2021-22

Our program for 2022-23 is building. Our program of 2021-22 and several prior years are provided below. Several of our programs were recorded and may be viewed for PDH credits at <http://pspe-philly.org/MCECourses/BuyNow-1.htm>

Pennsylvania Society of Professional Engineers Philadelphia Chapter 2021-2022 Program	
Date	Event - Click Event for Details
Sep.9, 2021	<a href="#">Tour Schuylkill Banks</a>
Sep 21-22	<a href="#">PSPE State Conference Virtual</a>
Oct. 7, 2021	<a href="#">Green Buildings Fall Short on Energy</a>
Nov. 4, 2021	<a href="#">Modeling Neck Biomechanics</a>
Dec. 2, 2021	<a href="#">Delaware Valley Region Outstanding Engineering Achievement Program</a>
Dec 16, 2021 ECP	ECP Multi-Society <a href="#">Ethical Practice</a> - Virtual 12pm-1pm No Fee
Jan. 6, 2022	<a href="#">Boeing V22 Future Factory Tour</a>
Feb. 3, 2022	No Chapter Meeting this Month
Feb 17, 2022 MathCounts	<a href="#">Phila Chapter MathCounts Virtual Online for 2022</a>
Feb 26, 2022 NSPE PA/NJ Engrs Week	<a href="#">Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet</a>
Mar 3, 2022	<a href="#">Geosynthetic Reinforced MSE Structures</a>
Apr 7, 2022	<a href="#">ETHICS for Engineers</a>
May 5, 2022	<a href="#">Annual Meeting &amp; Officers Installed</a>

To view [Past Year Programs](#) click [HERE](#)

**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](#)

# MATHCOUNTS 2022

Chapter Competitions were Virtual  
Statewide Competition was LIVE

[March 19th at Sheraton Harrisburg-Hershey](#)

## Four Winners Advance to National

All from Mt Nittany Middle School, State College PA

Calvin Wang of Julia Reynolds Masterman School  
was #11 in the State Competition

National Competition was May 7th-9th

[Live at Renaissance Washington DC Downtown Hotel](#)

Featuring the 224 top Competition Series Mathletes  
from all 50 states, plus U.S. territories and schools that  
serve the U.S. State and Defense departments

Keep posted for Plans for 2023

## MATHCOUNTS 2022 Participants

<u>School Name</u>	Coach
Feltonville School of Arts and Sciences	Krista Hoxie
Germantown Friends School	Tobi Zemsky
James Martin School	Jeannine Goetz
St. Peter's School	Brian Baker
The Philadelphia School	Liz McCannell
William Penn Charter School	Jennifer Ketler
Woodrow Wilson Middle School	Chelsey Cashman

## 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:



## Philadelphia Chapter 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  
Chair of Nominations for 2023-24 is Chris Fell, PE  
Contact at [president@pspe-philly.org](mailto:president@pspe-philly.org)

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
<a href="#">Chapter Activities/Meetings</a>	Joseph Maida, PE
<a href="#">Continuing Education</a>	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
<a href="#">Nominating (immediate past president)</a>	Chris Fell, 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>