



# The Philadelphia Engineer

Founding Chapter 1934 – May 2024 issue

## 2023-24 Chapter Program

The Pennsylvania Society  
of Professional Engineers  
Philadelphia Chapter

Monthly Dinner Meetings, Tours and Courses

## Annual Dinner Meeting

### May 2, 2024

Open to All Members of the Philadelphia Chapter

Popi's Restaurant  
3120 S 20th Street  
Philadelphia, PA 19145

Social: 5:00 PM - Dinner: 5:30 PM  
Annual Business Meeting 7:00 PM  
Price - \$25

No fee to attend without meal

## 2025 NATIONAL ENGINEERS' WEEK

BANQUET Hosted by the Philadelphia Chapter

### Mark Your Calendars

Saturday - February 22, 2025 - 5-10PM

Chart House Restaurant  
555 S Christopher Columbus Blvd Philadelphia, PA 19147  
(215) 625-8383 - Free Parking  
Still only \$80 (\$90 after 2/10)  
Reservations at [www.pspe-philly.org](http://www.pspe-philly.org)

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](#) -

Presentation of Outstanding Engineering Achievement Awards  
Presentation of MathCounts and STEM Awards



### Need Ethics Credits for NJ?

<http://pspe-philly.org/MCECourses/BuyNow-1.htm#22a>

Prepared by Rebecca A. Bowman, Esq., P.E., D.F.E.  
\$10 for 2 PDH as part of our PSPE-Philly library

## 2023-24 Chapter Program

Our Philadelphia Chapter was awarded by State PSPE  
PSPE Chapter Outstanding Program Award for 2021-22 and  
PSPE Chapter Outstanding Communications Award for 2022-23  
Our program for 2023-24 is complete. 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 2023-2024 Program	
Date	Event - Click Event for Details
Sep.7, 2023	<a href="#">Meet at Navy Yard Night Festival</a>
Sep 18-20	<a href="#">PSPE Philly 24 PDH BootCamp</a>
Sep 21-22	<a href="#">PSPE State Conference Trevoese</a>
Oct. 5, 2023	<a href="#">Three Hours Law for Engineers</a>
Nov. 2, 2023	<a href="#">I-95 Collapse and Repair</a>
Dec. 7, 2023 SE Region	<a href="#">Delaware Valley Region Outstanding Engineering Achievement Program</a>
Jan. 4, 2024	<a href="#">Aero Aggregates of North America Tour</a>
Feb. 1, 2024	<a href="#">Electrical Safety in the Workplace</a>
Feb 3, 2024 MathCounts	<a href="#">Phila Chapter MathCounts Live at Temple</a>
Feb 24, 2024 NSPE PA/NJ Engr's Week	<a href="#">Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet</a>
Mar 7, 2024	<a href="#">Deep Borehole Disposal of Nuclear Waste</a>
Apr 4, 2024	<a href="#">Standardization through ASTM</a>
May 2, 2024	<a href="#">Annual Meeting &amp; Officers Installed</a>

## MATHCOUNTS

MathCounts 2024 Was Live at Temple U

### Top Teams of 2024

- 1<sup>st</sup> Place – Julia Reynolds Masterman School
- 2<sup>nd</sup> Place – Germantown Friends School
- 3<sup>rd</sup> Place – The Philadelphia School
- 3<sup>rd</sup> Place – William Penn Charter School

### Top Individuals of 2024:

- 1<sup>st</sup> Place – Aaryan Gada, Julia Reynolds Masterman
- 2<sup>nd</sup> Place – Alexander Zhao, Julia Reynolds Masterman
- 3<sup>rd</sup> Place – Jaden Wang, Germantown Friends School
- 4<sup>th</sup> Place – Owen Lufi, Julia Reynolds Masterman
- 5<sup>th</sup> Place – Anson Zheng, Julia Reynolds Masterman
- 6<sup>th</sup> Place – Alda Liu, Germantown Friends School

State Competition Winners published at [www.PSPE-Philly.org](http://www.PSPE-Philly.org)

To volunteer or for more information contact Abraham El

O: 215-254-7778 | M: 215-796-5261 | [AEI@Pennoni.com](mailto:AEI@Pennoni.com)

# Outstanding Engineering Achievement Program

Top regional projects judged by Presidents of regional chapters

2024 Presentations December 6th

Winners for 2023 (held 12/7/23):  
Outstanding

Pennoni: PennDOT I-95 Rebuild  
[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

Notable

TrafficPlanningDesign: Arcola Road Roundabout  
[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

Honorable

Langan: The Battery  
[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

Adcon: PWD Central Lab  
[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

Click Entry above to view Nomination  
then Click VIEW PRESENTATION HERE  
then Click VIEW Q&A HERE  
to experience the entire Program  
[VIEW Judges' Comments.](#)

# Your Board for 2024-25

Robert Cargill, PE	President
-vacant-	President-Elect
Brandon Swartley, PE	Vice President
Thomas Friese, PE	Past President
-vacant-	Secretary
Linda Douthwaite, PE	Treasurer
Chris Fell, PE	Membership Secretary
Abraham El	State Director, 2027
Thomas Friese, PE	Alt State Director
Yefim Gudesblat, PE	Chapter Director, 2025
Justin Alexander, PE	Chapter Director, 2025
Ed Pluciennik, PE	Chapter Director, 2026
Thomas Friese, PE	Chapter Director, 2026
Erik Hoet, PE	Chapter Director, 2027
Fredric L. Plotnick, PE **	Chapter Director, 2027

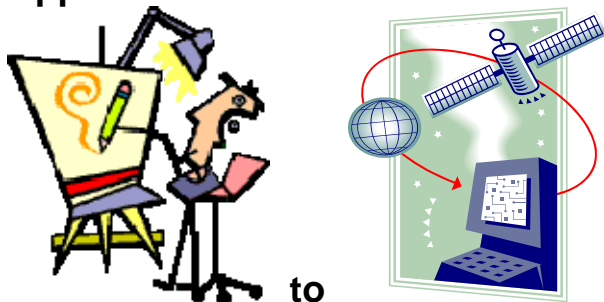
\* Directors are 3 year positions completing May year noted  
\*\* Fredric Plotnick, PE, shall be Acting Secretary until Board Action

**The Philadelphia Chapter is looking for a Few Good Engineers** to lead our Chapter for the 2024-25 chapter year and beyond. While the **Officers** and **Directors** are charged with the fiduciary duties of leadership, the true leadership resides in the **Chairs of our Committees**. Please visit <http://pspe-philly.org/committees/committees.html> for a full listing of our programs and their Champions.

**Past-President Chris Fell** continues to seek Members who desire to join him in leading our Chapter. Contact at [president@pspe-philly.org](mailto:president@pspe-philly.org)

## News from State PSPE

### Our State Legislature has Officially Approved Use of Electronic Seals



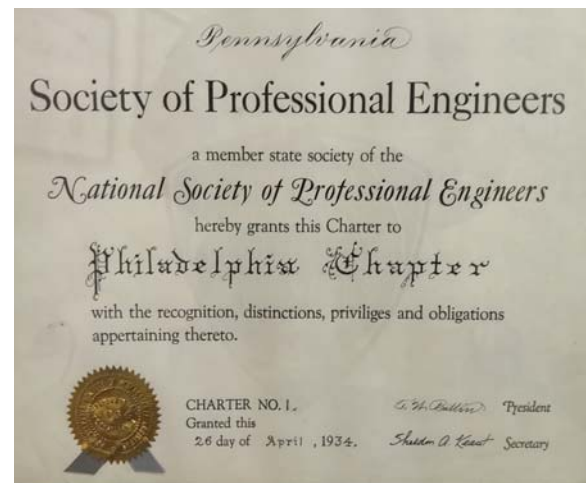
Read about it in PA Bulletin 22-1930  
[www.pspe-philly.org/images/PABulletin22-1930.pdf](http://www.pspe-philly.org/images/PABulletin22-1930.pdf)

## Resources from NSPE

**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](#)



Some of our Chapter Awards from State PSPE 1964 to 2023

## President's Message for May 2024

**I am in a strange position.** My term as President of the Philadelphia Chapter of the PSPE for the 2023-2024 year is coming to an end. At the same time, my term as President of the Philadelphia Chapter of the PSPE for the 2024-2025 year is about to begin.

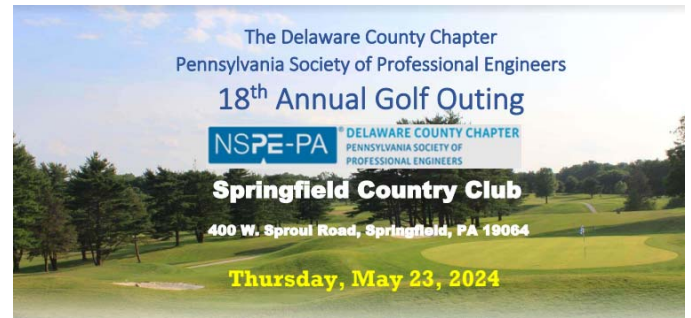
The Chapter this year has a lot to show for itself thanks to the tireless efforts of its steadfast members: The Outstanding Engineering Achievement competition was successful with Pennoni voted as our winner for their presentation on the PennDOT I-95 Rebuild, the Chapter planned and hosted a successful 24 PDH BootCamp for those in need of some last minute education, we toured the Aero Aggregates facility to experience and learn about the engineering that went into the material used to support the temporary lanes on I-95, and there were many other good seminars to expand our engineering knowledge. So much has happened that I could not recall it all. Luckily for me, our website at [www.pspe-philly.org/](http://www.pspe-philly.org/) is chock-full of our history and efforts. In fact, the PSPE has awarded our Chapter the Outstanding Chapter Communications Award for 2023 at the state level!

In addition to the Chapter program events, the Chapter continued to support local and national recognition of engineering and STEM in the form of the MATHCOUNTS competition (a shout out to Abe El for his tireless and continued efforts) and the Chapter's week-capping banquet at the Chart House Restaurant (a shout out to immediate past-President Tom Friese) as part of the Delaware Valley Engineer's Week (eWeek) Events.

As I prepare for a seamless transition between my two terms in the office of President, I am thinking about the future of the Chapter. The Chapter has a long history, actually pre-dating the formation of the state society. But, of late, our membership is dwindling and the dedicated efforts of our active members are stretched thin. If you are an engineer, you benefit from the Chapter and National and State societies (even if you are not licensed) and if you live in modern society, you benefit as well from a solid engineering workforce and that a licensed engineer has proven education, training, and experience. There are more benefits, but the question is: Do you value these things? If you do, will you volunteer some of your time to continue the good works of the Philadelphia Chapter of the PSPE? If so, please join us and help us to continue our good works, not just for the profession, but for the residents of southeastern Pennsylvania.

As I sit here writing this message on a Sunday morning in April, it occurred to me that when I first joined PSPE and NSPE almost twenty years ago, I naively thought that they were government organizations. It did not take long to realize that these societies are run by engineers, for engineers, and all about engineering with a strong desire to help others. Like other societies, they are as strong as their members. On behalf of the Chapter and myself, I sincerely hope that you are successful in your endeavors and I invite you to join us in our upcoming events.

Sincerely, Bob Cargill, PE



DELCO PSPE invites you to join us for our Scholarship Golf Outing at the Springfield Country Club.  
7:30 AM On-site registration opens  
8:00 AM Shotgun Start  
±1:00 PM Lunch and Awards  
Registration is available online at [www.delcopspe.org](http://www.delcopspe.org).



The Valley Forge Chapter's upcoming golf outing on May 19<sup>th</sup>  
For more info contact [President@LVPSPE.org](mailto:President@LVPSPE.org)



Outstanding Engineering Achievement Award 2024