



The Philadelphia Engineer

Founding Chapter 1934 – September 2023 issue

2023-24 Chapter Program

The Pennsylvania Society
of Professional Engineers
Philadelphia Chapter

Monthly Dinner Meetings, Tours and Courses

September 7th, 2023

Tour and Open House Party at Phila Navy Yard

Location End of Broad Street; Central Green at Rouse Blvd & Normandy Drive
4:00PM Navy Yard Night Festival <https://navyyard.org/events/>
Food Trucks - Music - Activities - Games - and More
6:00PM PSPE Members Meet at (location TBD)
for Narrated Tour and Lecture (1 PDH)
7:15PM Return to enjoy the Festival until Closing at 8PM

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

You must register with the Navy Yard and PSPE Philly for this event

Click or go to <https://navyyard.org/events/navy-yard-night-festival/> to register to enter the Navy Yard - FREE

Click or go to <http://pspe-philly.org/#reservations> to join PSPE at the Tour \$5 via PSPE-Philly PayPal link

From the Editor

It is said that given a lemon, an Engineer will make lemonade. And our Chapter, Regional, State and National Societies have certainly made improvements as a result of the pandemic. Forced to use tools such as Zoom and Meet, we morphed from live to virtual meeting for education and camaraderie, then back. But we retained the use of virtual meetings for our Board meetings to conduct Chapter (or State) business. **We may again have live events** but now the ability to share with additional remote members and to record for future education are standard.

Our BootCamp is but one example of this hybrid delivery of knowledge. Budget has constrained us to but one center for LIVE classes, with the remainder of PA Professional Engineers served by Zoom. Perhaps **BootCamp25** will be provided live one day in Philly, State College, and Pittsburgh. After all, most need only 8 and not full 24 hours to top off.

And Zoom even allows us to invite lecturers to the LIVE event who are beyond travel limitations. Truly the hybrid of F2F and Virtual provides a better solution than last in 2019.

But it is important to continue work to provide F2F interaction and live networking opportunities. Our **BootCamp** will offer an option to attendees to meet socially after classes on Monday, and all Members of our Chapter and Region will be invited to join us. Our first Chapter Meeting SEP 7th will be a tour piggybacking to the [Navy Yard Festival](#). Bring the kids!

2023

is a Pennsylvania PE License Renewal Year
Don't get caught without required PDH credits
Philadelphia Chapter, on behalf of Chapter, Region and State, will be conducting a Continuing Education BootCamp on September 18-19-20, where Attendees may earn up to the FULL 24 PDH credits required for license renewal. Details are still being developed, current draft at:

<http://pspe-philly.org/bootcamp/bootcamp.html>

\$100 for 8 PDH, \$160 for 16 PDH, \$200 for 24.PDH

BootCamp will be held LIVE at Drexel University and Zoom Simulcast for those beyond driving distance

Engineer, Land Surveyor and Geologist Registration Law (Continuing Education Provisions)

Section 4.5. Continuing Professional Competency Requirements

(c) Each licensee shall be required to obtain **twenty-four PDH units** during the biennial renewal period. If a licensee exceeds the requirement in any renewal period, **a maximum of twelve PDH units may be carried forward** into the subsequent renewal period.

The Philadelphia Chapter is still seeking Presenters. Topics desired include ALL fields of Engineering, as well those pertaining to Ethics and Ethical Practice.

Please send inquiries to President@PSPE-Philly.org.

State Annual Meeting

including installation of 2023-24 Board

September 21st and 22nd at the

[Radisson Hotel Philadelphia NorthEast](#)

2400 Lincoln Highway, Trevose PA

<https://www.pspe.org/pspe-2023-conference/>

See Philadelphia Chapter Awarded for Best Communications

Earn up to 11 PDH in Classes and Tours

Meet the Leaders from Chapters across the State

Stay extra days to visit and enjoy Philadelphia



2023-24 Chapter Program

Pennsylvania Society of Professional Engineers

Philadelphia Chapter

Monthly Dinner Meetings, Tours and Courses

NOW BEING DEVELOPED Pennsylvania Society of Professional Engineers Philadelphia Chapter 2023-2024 Program	
Date	Event - Click Event for Details
Sep.7, 2023	Tour of Philadelphia Navy Yard
Sep 18-19-20	Continuing Education BootCamp
Sep 21&22 State	PSPE State Conference Live
Oct. 5, 2023	TBD
Nov. 2, 2023	TBD
Dec. 7, 2023	Delaware Valley Region Outstanding Engineering Achievement Program
Jan. 4, 2024	Tour of ...
Feb. 1, 2024	TBD
Feb 3, 2024 MathCounts	Phila Chapter MathCounts Live at Temple
Feb 24, 2024 NSPE PA/NJ Engr's Week	Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet
Mar 6, 2024	TBD
Apr 3, 2024	TBD
May 1, 2024	Annual Meeting & Officers Installed

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](#)

Join NSPE Now

Become a Member With Two Easy Steps

<https://www.nspe.org/membership/join-now>

Philadelphia Chapter Officers and Directors

Robert Cargill, PE	President
Robert Cargill, PE	President-Elect
Brandon Swartley, PE	Vice President
Thomas Friese, PE	Past President
Linda Douthwaite, PE	Secretary
Linda Douthwaite, PE	Treasurer
Chris Fell, PE	Membership Secretary
Abraham El	State Director, 2024
Thomas Friese, PE	Alt State Director
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
Ed Pluciennik, PE	Chapter Director, 2026
Thomas Friese, PE	Chapter Director, 2026
* Directors are 3 year positions completing May year noted	
State Officers from our Chapter	
Thomas Friese, PE	State Treasurer
Fredric L. Plotnick, PE	SE Region Vice President
Leonard Bernstein, PE	Past State President

Outstanding Engineering Achievement Program

Top regional projects judged by
Presidents of regional chapters

Nominations for 2023 due 17NOV23

Presentations 07DEC23

Awarded 24FEB24

Winners for Best of 2022:

Outstanding

[Langan: Laborer's District Council Education Center](#)

[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

Notable

[Pennoni: Pennswood Road Bridge over Amtrack](#)

[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

Honorable

[STV: SEPTA Wayne Junction Static Frequency Rehab](#)

[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

[PSE: Passaic School District Dayton Childhood Center](#)

[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

[SEPTA: Elwyn to Wawa Station Restoration](#)

[VIEW PRESENTATION HERE](#) - [VIEW Q&A HERE](#)

Click Entry above to view Nomination, PRESENTATION, Q&A

[Click for Final Comments by Officers of PSPE and NJSPE](#)

[VIEW Judges' Comments](#)

2024 NATIONAL ENGINEERS' WEEK

BANQUET Hosted by the Philadelphia Chapter

Saturday - February 24, 2024 - 5-10PM

Recognize, Promote and Celebrate the Role Engineers fill in the Greater Philadelphia Area

From the President

Welcome to the 2023-2024 year of the Philadelphia Chapter of the PSPE! I am excited and humbled to be guiding the Chapter through the next year as President of the Chapter. I refer to my role as a guide because of the strong support of the officers, my board, and the Chapter members as a whole. In this vein I want to thank our immediate past president Tom Friese, PE, and all of the former and current officers of the Chapter for building it to what it is today.

This year, we are continuing our hybrid monthly meetings and seminars to provide opportunities for networking and PDHs. Our first of the season is scheduled for September 7th. We hope to co-sponsor additional meetings with our fellow PSPE and NSPE Chapters.

As a reminder to all PE licensees in the Commonwealth of Pennsylvania: You must have 24 hours of professional development by September of 2023. You should be almost done by now! If you are not, we are providing an opportunity to obtain all 24 PDHs or as few as you need: Our 2023 Continuing Education BootCamp. This hybrid event (LIVE at Drexel and Simulcast by Zoom) will run over three days from September 18th through the 20th. Open to Members of NSPE and non-member professional engineers of our Philadelphia and Delaware Valley Region, the State from Bucks to Pittsburgh counties, and other professional engineers seeking continuing education from across the nation! I look forward to seeing you there.

In addition to meetings and seminars, we sponsor and support other opportunities for you to be involved in philanthropy and education. These include the Outstanding Engineering Achievement Award, the MathCounts competition, and the National Engineers' Week Banquet that we organize. And don't overlook the Mission and Vision of the Chapter: "enhance the image of its members and their ability to ethically and professionally practice engineering" and to be "the recognized voice and advocate of licensed Professional Engineers."

Finally, I and the Chapter have a two-headed goal this year: To increase the total membership of our Chapter and to increase the number of members that are actively participating in our Chapter! I understand that time is at a premium, but do not underestimate your power to have a positive effect! If you know a PE or EIT that is not a member, discuss the Chapter and Society with them. Or bring them to a meeting! If you are a non-member PE or EIT, then I'm flattered that you're reading our newsletter! Please come to a meeting and see what we're about. Ask questions, tell stories, and join in directing the future of the profession. And if you're an EIT and you think there's no leadership opportunities for you: you are welcome here!

I look forward to seeing you at a future meeting, seminar, or event!

Bob Cargill, PE



Outstanding Engineering Achievement Award 2022
Presented to Langan for their involvement upon the [Laborer's District Council Education Center](#)

MathCounts Philadelphia 2023 Winners

Top Teams:

- 1st: Germantown Friends School - Coach: Kate Jones
- 2nd: Julia Reynolds Masterman - Coach: Chris Taranta
- 3rd: Penn Alexander School - Coach: Matthew Hunn

Top Individuals:

- Calvin Wang, Julia Reynolds Masterman School
- Jonathan Yang, Germantown Friends School
- Sohail Aji, CCA Baldi Middle School

Pennsylvania State MATHCOUNTS Competition 2023 INDIVIDUAL RESULTS

PLACE	CHAPTER	STUDENT	SCHOOL
1	Lehigh Valley	Eddy Zhang	SPRINGHOUSE MIDDLE SCHOOL
2	Valley Forge	Rayoon Kim	BLACK ROCK MIDDLE SCHOOL
3	Harrisburg	Neil Peter	MOUNTAIN VIEW MIDDLE SCHOOL
4	Pittsburgh	Erick Zhao	SOUTH FAYETTE TOWNSHIP MIDDLE SCHOOL
5	Philadelphia	Calvin Wang	JULIA R. MASTERMAN
6	Valley Forge	Jeffrey Fan	ARCOLA INTERMEDIATE SCHOOL
7	Delaware County	Eden He	GARNET VALLEY MIDDLE SCHOOL

FOUR OF SEVEN TOP INDIVIDUALS FROM OUR SouthEast REGION

2023 TEAM RESULTS

PLACE	CHAPTER	SCHOOL	COACH
1	LEHIGH VALLEY	Springhouse Middle School	Kevin Hallman
2	CENTRAL	Mount Nittany Middle School	Rebekah Sjoberg
3	VALLEY FORGE	Arcola Intermediate School	Brooke Sheplock
4	PITTSBURGH	Marshall Middle School	Shannon Coulter
5	PITTSBURGH	Ingomar Middle School	Zhi-Hong Mao
6	DELAWARE COUNTY	Garnet Valley Middle School	Saima Sohail
7	HARRISBURG	Hershey Middle School	Dave Cavic
8	CHESTER COUNTY	Lionville Middle School	Kenuo Pan
9	CHESTER COUNTY	Charles F. Patton Middle School	Shenshen Cai
10	BUCKS COUNTY	Charles Boehm Middle School	Melissa Williams

FIVE OF TEN TOP TEAMS FROM OUR SouthEast REGION



Chapter Awards from State PSPE
1965 2014 2022 2023 and many more