



The Philadelphia Engineer

Founding Chapter 1934 – October 2024 issue

2024-25 Chapter Program

The Pennsylvania Society of Professional Engineers
Philadelphia Chapter

Monthly Dinner Meetings, Tours and Courses

October 10, 2024

8" Deep - Long Span Deck

for use in Elevated Concrete Floor Applications

Presented by Douglas E. Bathurst

This is a Virtual Presentation LIVE by Zoom

Second Thursday October 10 from 6pm-7pm

This course will provide an understanding of the attributes of 8" deep - long span deck. It will define the system, examine the overall installation process, explore the incorporation to various structural systems and define the benefits of the structural floor system. The seminar will also cover UL Fire Ratings and restrained vs unrestrained ratings.

2024-25 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

PSPE Chapter Special Projects Award for 2023-24

We are building our 2024-25 Program and look to our Members for suggestions and to volunteer to share knowledge with your peers.

Please contact our leadership at

President@PSPE-Philly.org.

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

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

Your PSPE at work in Harrisburg

See several highlights from the PA State Budget

passed with PSPE support

www.baemirormantidpost.com/newsletter/default.asp?NewsLetter/ArticleID=60956&SubjectID=136

Pennsylvania Society of Professional Engineers Philadelphia Chapter 2024-2025 Program

Date	Event - Click Event for Details
Sep.4, 2024	The Philadelphia Zoning Process
Sep 18-20	PSPE State Conference Pittsburgh
Oct. 10	8" Deep - Long Span Deck
Nov. 7	TBD
Dec. 5 SE Region	Delaware Valley Region Outstanding Engineering Achievement Program
Jan. TBD 2025	TBD
Feb. TBD	TBD
Feb TBD MathCounts	Phila Chapter MathCounts Live at Temple
Feb 22 NSPE PA/NJ Engr's Week	Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet
Mar 6	TBD
Apr 3	TBD
May 1	Annual Meeting & Officers Installed

MATHCOUNTS

MathCounts 2024 Was Live at Temple U

Top Teams of 2024

1st Place – Julia Reynolds Masterman School

2nd Place – Germantown Friends School

3rd Place – The Philadelphia School

3rd Place – William Penn Charter School

Top Individuals of 2024:

1st Place – Aaryan Gada, Julia Reynolds Masterman

2nd Place – Alexander Zhao, Julia Reynolds Masterman

3rd Place – Jaden Wang, Germantown Friends School

4th Place – Owen Lufi, Julia Reynolds Masterman

5th Place – Anson Zheng, Julia Reynolds Masterman

6th Place – Alda Liu, Germantown Friends School

State Competition Winners published at www.PSPE-Philly.org

To volunteer or for more information contact Abraham El

O: 215-254-7778 | M: 215-796-5261 | AEI@Pennoni.com

ABA Forum on Construction Law

Share with your firm's attorney: The ABA Forum will conduct a Fall Meeting October 23 to 25, 2024 in Pittsburgh discussing "The Built Environment: Drawing on Design" with foremost legal experts on the details of the designer's role and responsibility in the construction process.

https://www.americanbar.org/groups/construction_industry/events_cle/2024-fall-meeting/



PHILADELPHIA CHAPTER
PENNSYLVANIA SOCIETY OF
PROFESSIONAL ENGINEERS

Outstanding Engineering Achievement Program

Top regional projects judged by
Presidents of regional chapters

The Outstanding Engineering Achievement Awards Program strives to recognize projects, regardless of engineering discipline, that demonstrate engineering challenges and innovative solutions, communicate the importance of the Engineering Profession to society, and provide a clear and tangible benefit to the Greater Philadelphia Area and Delaware Valley Region. PSPE Philadelphia as host and coordinator of this event invites applications from all engineering disciplines as it is our goal to recognize the importance of all engineering disciplines in the OEA Awards Program.

Nominated projects due November 15th, will be short-listed and presentations (voice-over-Powerpoint or voice-over screen, converted to MP4 format) will be due Wednesday December 4, 2024. Presenters will share and respond to Q&A via Zoom on Thursday, December 5, 2024.

Our panel of judges, comprised of the presidents of the four chapters in the southeast region of Pennsylvania PSPE as well as the two chapters of Delaware Valley region of NJSPE, will lead Q&A, then adjourn to deliberate with results published on Friday morning December 6th, and published on our Chapter website <http://pspe-philly.org/>.

Nominations due November 15th 2024

See [Links to Guidelines](http://pspe-philly.org/oea/forms/OEAGuidelines.pdf) <http://pspe-philly.org/oea/forms/OEAGuidelines.pdf> and [Nomination Form](http://pspe-philly.org/oea/forms/OEANominationsForm.pdf) <http://pspe-philly.org/oea/forms/OEANominationsForm.pdf>

Presentations December 5th 2024

Winners for 2023

Competition Held 12/7/23 and Presented at Banquet 2/24/24

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.](#)

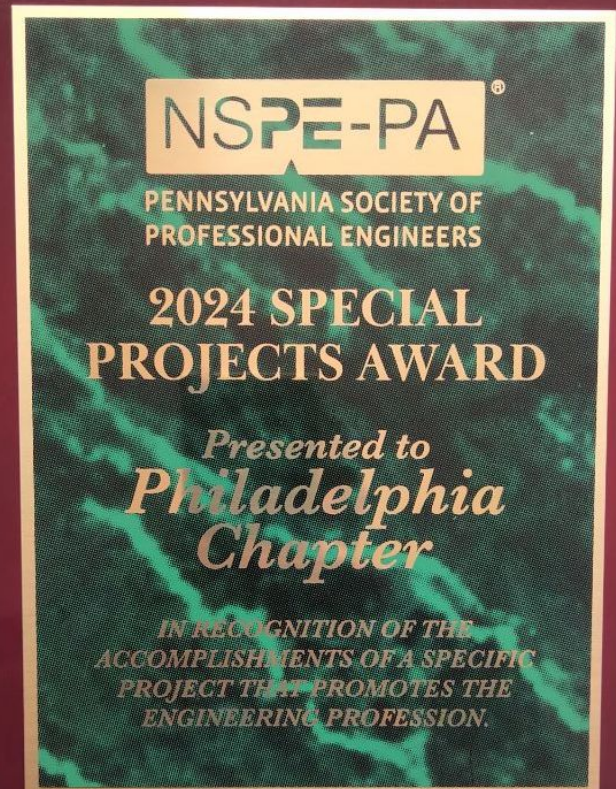
2024 PSPE ANNUAL CONFERENCE

PSPE held its Annual Conference in Pittsburgh from September 18th through 20th. Wednesday afternoon provided an opportunity for the Executive Committee to meet and discuss Society business matters, receive a legislative update and executive director's report, and hear from the NSPE President, Brian Malm, PE, FNSPE, who attended the State Conference.

Of particular interest to our student and younger members is the coming availability of an Industry Partnership Grant which PSPE has secured to help offset the costs of preparing for and taking the Fundamental of Engineering exam. The initial roll-out is to five schools: Drexel U., Lafayette College, Wilkes College, Duquesne U., and the University of Pittsburgh at Johnstown.

Our own Fredric Plotnick, PhD, Esq, PE and Thomas Friese, PE also attended as Southeast Regional Vice President and Treasurer, respectively. The conference had about 80 attendees and primarily provided an opportunity to obtain as many as 12 PDHs of continuing education and share in the camaraderie of fellow engineers from across the state.

Thursday's lunch included an Order of the Engineer ceremony, and the officers for the 2024-25 PSPE calendar year were inducted at lunch on Friday. The Friday ceremony also included presentation of the **Outstanding Program Award to the Bucks County Chapter**, and presentation of the **Special Program Award to the Philadelphia Chapter** for the September 2023 continuing education "Boot Camp" which raised money for the Chapter, and allowed a donation from the Chapter to the State. Fredric Plotnick was again retained as SE Regional Vice President. Next year's conference will be held in Allentown (SEP 17-18-19 2025) which better accommodates representation from the Philadelphia area chapters.



PSPE AWARDS
PROGRAM

PSPE members are
innovators, leaders, and
change-makers.

Special Project Award to Philadelphia Chapter

The Philadelphia Chapter's accomplishments within the PSPE Boot Camp reflect dedication to the engineering practice. The PSPE Boot Camp is a continuing education program that was made to assist engineers in receiving their PDHs. This low-cost three-day program helped not just PSPE members, but also engineers from Delaware, New Jersey, and other neighboring states. We thank the Philadelphia Chapter for providing a space for the education of engineers and show our appreciation with this award.

BootCamp 2025

YOUR LICENSE RENEWAL IS 9/30/2025

and all Professional Engineers will need 24 PDH by that date. PSPE Philadelphia Chapter is proud to provide a resource to all Professional Engineers to earn necessary continuing education at our monthly meetings, via our Online Library, or if short near the deadline via our BootCamp, set for

**Thursday-Friday-Saturday
September 25-26-27, 2025.**

LIVE at Drexel University and Simulcast to PA NJ DE and beyond.

\$100 for 8 PDH, \$160 for 16 PDH, \$240 for 24 PDH

We are NOW seeking Lecturers and Presenters

Contact BootCamp@pspe-philly.org

President's Message

I am pleased to welcome you to the second newsletter of our 2024-2025 Chapter Program. In my first message last month, I mentioned my focus on expanding our Chapter's communication channels. In that vein, I am announcing that our LinkedIn group "PSPE Philadelphia Chapter" at <https://www.linkedin.com/groups/7019298> is active and sending out announcements. Please request to join our group if you use LinkedIn. Meetings, courses, and other events will be announced there in addition to our website and our newsletter.

Congratulations to our Chapter and Fred Plotnick for receiving the Special program Award for the September 2023 continuing professional education Boot Camp that provided PDHs for professional engineers throughout our State, raised funds for the Chapter, and allowed our Chapter to donate funds back to the State Society. Thank you Fred and the multiple volunteers who contributed to a successful and valuable event! But we are not resting on our laurels and are already planning our 2025 Boot Camp for those needing PDHs for the biennial PE renewal year. In September of 2025 we plan on hosting our Boot Camp in Philadelphia on a new Thursday-Friday-Saturday schedule. This will provide more options for those not wanting to cut into their work week or for those not wanting to cut into their weekend!

Along the lines of providing for our current and future professional engineers, as noted herein about the 2024 PSPE Annual Conference, our State Society and, by association, our Philadelphia Chapter, have been awarded an Industry Partnership Grant which will help last year engineering students offset the costs of preparing for and taking the Fundamental of Engineering exam. This includes funding for prep materials and the exam fee for fifty students at our local Drexel University, as well as similar funding for three other schools in Pennsylvania. These funds will help expand our ranks and also bootstrap recent engineers' in training timeline to taking the professional engineer exam. With the FE exam passed, the road to obtaining the four years of experience required to site for the PE exam will be a smooth transition from school to career.

This effort aligns with my second focus announced last month: To expand the Chapter's active membership. This is obviously a long-term outlook, but we've got to keep the supply of professional engineers coming. Our future holds needs for professional engineers in ways that we can't fully imagine in the present. You, too, can expand our Chapter's membership in the short-term by joining now and participating in our future as well!

Finally, our next course and meeting will be held on Thursday, October 10th beginning at 6pm. Please see our website for information about the course on long span concrete decks and for instructions on registration.

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**



Fred Plotnick receives Special program Award for the September 2023 Boot Camp



Officers are inducted by Brian Malm, PE, FNSPE, current President of NSPE. Not in photo, but we of the Philadelphia Chapter also thank Thomas Friese, PE upon completion of five years as our State Treasurer and Abe El as our voice as our Chapter's State Director and Chair of MathCounts

