



The Philadelphia Engineer

Founding Chapter 1934 – February 2021 issue



Letter from the Editor

The Philadelphia Engineer each February is about [National Engineers' Week](#), but this year we of PSPE-Philadelphia will be celebrating in a different manner. Our grand Proclamation Luncheon of Years Past, bringing 250 Engineers and those served by Engineers to the Union League to be feted by our Mayor, our Governor and other officials of our City, State and Federal Governments is but a dim memory of the Elders of our Membership.

Our Regional Banquet (hosted by Philadelphia Chapter) has also morphed over the years from hosting 300 plus attendees from forty-some technical associations and honoring many worthies and awardees to a quiet social event built around table talk, brief honors to our Chapter led [Regional Outstanding Engineering Achievement](#) awardees, and a pleasant Engineering themed presentation.

The Covid-19 pandemic has impacted us all, and has brought out the best of our scientists, researchers and managers, but also perhaps yet unsung our fellow Engineers to ramp up facilities to produce ventilators, masks, and now vaccines. Logistics to distribute these wonders is also in the realm of Engineers. So when you turn on the tap and clean potable water flows, or when you receive life saving drugs distributed through human effort supported by robotic automated warehouses, **give thanks to an Engineer.**

MATHCOUNTS

MathCounts for 2021 will be virtual

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:**

FEB 25th 7pm Chapter Invitational Competition

MAR 25th 7pm State Competition

For those not local to Philadelphia but interested in helping at a MATHCOUNTS competition near you, please consider volunteering with a great program.

To volunteer or for more information contact Abraham El

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

To Donate to Mathcounts:

Donate



Philadelphia Chapter Program 2020-21

Our program for 2020-21 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.

Pennsylvania Society of Professional Engineers Philadelphia Chapter 2020-2021 Program

Date	Event - Click Event for Details
Sep.10, 2020	Geotechnical Engineering for Foundations at Navy Yard
Sep 24-25 '20	PSPE State Conference Virtual
Oct. 1, 2020	Helical Piles
Nov. 5, 2020	IIoT (Industrial Internet of Things)
Dec. 3, 2020	New Methods for Electrical Safety
Jan. 7, 2021	Marijuana Grow Room HVAC
Feb. 4, 2021	Combined Heat and Power Basic Design
Feb 6, 2021	Phila Chapter MathCounts
MathCounts	New Virtual Format
Mar 4, 2021	LARGE UPS OPERATION
Apr 1, 2021	TBD
May 6, 2021	Annual Meeting & Officers Installed
Aug 11-15, 2021	PSPE State Conference and NSPE Conference in Philadelphia
Sep 23-24 '21	PhillyChapter Education BootCamp

Join us for #PECON21 in



Philadelphia August 2021



Call for Nominations

Pursuant to Bylaw 12, Section 6, Nominees for Officers and our Board, as provided by the Nominations Committee (or by petition) are provided below:

Chris Fell, PE	President
Thomas Friese, PE	President-Elect
Robert Cargill, PE	Vice President
Fredric L. Plotnick, PE	Past President
Linda Douthwaite, PE	Secretary
Linda Douthwaite, PE	Treasurer
Abraham EI	Membership Secretary
Abraham EI	State Director, 2024
Thomas Friese, PE	Alt State Director
Yefim Gudesblat, PE	Chapter Director, 2022
Justin Alexander, PE	Chapter Director, 2022
Ed Pluciennik, PE	Chapter Director, 2023
vacant	Chapter Director, 2023
vacant	Chapter Director, 2024
vacant	Chapter Director, 2024

* Directors are 3 year positions completing May year noted

BYLAW 12 -- NOMINATION AND ELECTION OF OFFICERS AND DIRECTORS

SECTION 9. A vacancy in the office of Vice President, Secretary, Treasurer, Membership Secretary, State Director, Alternate State Director, or of a Chapter Director shall be filled by elective appointment of the Board. Officers or Directors so appointed shall hold office only for the unexpired term of the office vacated. Such tenure shall not preclude nomination for this office at the next election.

Interested individuals may contact president@pspe-philly.org

The Philadelphia Chapter is looking for a Few Good Engineers to lead our Chapter for the 2021-22 chapter year and beyond. President Chris Fell will continue so to enjoy a full non-Covid year and seeks Members who desire to join him in leading our Chapter.

Outstanding Engineering Achievement Program

Top regional projects judged by Presidents of regional chapters

No Program for 2020 due to Covid pandemic

Winners for 2019:

Professional Systems Engineering
Pennsylvania Capitol Police Integrated Command Center

Notable: Maida Engineering

Sky Diving Wind Tunnel Power and Drive System

Honorable: Pennoni Associates

Edge Hill Road/Tvson Avenue Improvement Project

Click projects above for PDF of presentation

President's Message

Dear Chapter members, friends, and associate professionals. What a different Engineers' Week period we will experience this year. The ability to get together as a Chapter in a social setting just won't happen. However, the spirit of Engineer's week cannot be dampened and endures through the daily professional efforts of our membership as they have adapted and thrived in a "virtual" workspace. Who would have thought a year ago that our lives would be turned upside down and the nature of work shifted so drastically? Where would we be without the internet and the ability to work from home without missing a beat! Our ability to connect and share information and collaborate effectively has allowed our companies to both survive and thrive. We've adapted and learned our physical work location can be almost anywhere these is a good internet connection. It will be interesting to see what "returning to normal" will look like once this pandemic is history.

So in this February month that hosts "Engineers Week" please be sure to take pride in yourself as an engineer, satisfaction in your work on and your many accomplishments on a daily basis, and know you make a positive difference in the lives of many. Engineers form the backbone of society in tackling and solving problems on a constant basis. Nothing of real substance moves forward without the involvement of an Engineer. The possibilities for the growth of Engineers are endless and offer a bright future for both seasoned veterans as well as newly minted graduates. I salute my engineering colleagues – stay safe!



2020-21 Chapter Program

The Pennsylvania Society
of Professional Engineers
Philadelphia Chapter

Monthly Meeting and Courses

March 4th 2021

Online Presentation 7:00 PM to 8:00 PM

The ZOOM address for attending the course will be sent to the registered attendee at the email address you provide to Paypal

Certificates will be sent to the registered attendee after the attendee completes and returns the course evaluation form and properly answering participation questions. These are asked and answered by the presenter at various times during the course. The course slides will "not" include the participation questions.

Questions may be True/false or multiple choice.

For more information click [HERE](#).

LARGE UPS OPERATION, DESIGN & CONFIGURATIONS

Presented by Kameel Andrawos

From our Archives

