



# The Philadelphia Engineer

Founding Chapter 1934 – March 2022 issue

## 2022 NATIONAL ENGINEERS' WEEK

BANQUET Hosted by the Philadelphia Chapter  
was Saturday - February 26, 2022 - Chart House

Keynote on

"How Engineers Ramp Vaccines - Lab to World"

By Mark DeLuca, PE

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Formal Presentation of

Outstanding Engineering Achievement Awards

Top regional projects judged by  
Presidents of regional chapters

## Winners for 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

## 2021-22 Chapter Program

The Pennsylvania Society  
of Professional Engineers  
Philadelphia Chapter

Monthly Meetings, Tours and Courses

March 3rd 2022

### Geosynthetic Reinforced MSE Structures

by George R. Koerner Ph.D., PE & CQA

Geosynthetic reinforcement MSE structures became common in the geotechnical arena in the mid 1970s. Our estimate is that there are currently more than half a million of these structures worldwide. Unfortunately, the performance of all these structures has not been positive. This course will address concerns with MSE structures and include specific recommendations to be considered for improving the technology going forward.

This course will be accredited for 1.5 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 this course will be accepted for credit in PA, NJ and other National Model states where courses do not require pre-approval. Proper answer of challenge questions required to receive Certificate of Participation for those attending virtually on-line.

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 Reservations click HERE](#)

or go to [www.pspe-philly.org](http://www.pspe-philly.org)

## Join us for #PECON22 in



Philadelphia August 1-3, 2022

CALL for Presentations OPEN November 5th to 30th

<https://www.nspe.org/resources/2022-professional-engineers-conference>

## Philadelphia Chapter Program 2021-22

Our program for 2021-22 continues under development and 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 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	<a href="#">ECP Multi-Society Ethical Practice - Virtual 12pm-1pm No Fee</a>
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="#">Live Class (Simulcast) TBD</a>
May 5, 2022	<a href="#">Annual Meeting &amp; Officers</a> Installed

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

[February 17th Noon to 8pm](#)

through the Art of Problem Solving  
(AoPS) Contest Platform

## MATHCOUNTS 2022 Participants

<a href="#">School Name</a>	<a href="#">Coach</a>
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:

