



# The Philadelphia Engineer

Founding Chapter 1934 – November 2021 issue #2

## 2021-22 Chapter Program

The Pennsylvania Society  
of Professional Engineers  
Philadelphia Chapter

Monthly Meetings, Tours and Courses

November 4th 2021

Modeling Neck

Biomechanics

in Automotive Rear Impact Analysis

Presented by McGowan Associates

This course is **accredited for 1.5** Professional Development Hours 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 this virtual on-line program.

[for Reservations click HERE](#)

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

Did You Miss Our Last Meeting?

It is not too late - View the Presentation  
Get PDH Credits On-Demand  
Click [HERE](#) - Only \$7.50 for 1.5 PDH

**As You Have A Happy Halloween  
.. Remember ..**

*"Engineering is the closest thing to magic that exists in the world."*  
— Elon Musk

November 2nd Remember to



## Outstanding Engineering Achievement Program

December 2nd 2021

Top regional projects judged by  
Presidents of regional chapters

New Virtual Format for 2021 due to Pandemic  
Please [provide your Nominations](#) by 15NOV21

Selected Projects to prepare TEN MINUTE  
Voice-over-Slides in MP4 format due by 01DEC21  
Presentations to be viewed on or after 02DEC21  
Live Zoom Q&A Session to be held 02DEC21 6pm  
Selection by Judges to be posted on 03DEC21

Awardees honored 26FEB22 at the

[PSPE Engineers' Week Banquet](#)

OEA program was not run for 2020  
due to the Covid pandemic

Competition for 2021 on 02DEC21

Nominations for 2021 due 15NOV21

- Projects or major component completed in 2020 or 2021
- Designed built or manufactured in our region
- Judged by Presidents of PSPE NJSPE of DelVal Region
- Judged on **Innovation shown in Engineering**
- Tie breakers: Highlighting Engineers or Our Region
- More at <http://pspe-philly.org/oea/OEA.html>

Winners for 2019:

Professional Systems Engineering  
PA 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 PDFs of presentations



## 2022 NATIONAL ENGINEERS' WEEK

BANQUET Hosted by the Philadelphia Chapter

Saturday - February 26, 2022 - 5:00PM to 10:00PM

Chart House Restaurant

555 S Christopher Columbus Blvd

Philadelphia, PA 19147

(215) 625-8383 - Free Parking

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

**90 Minute Reception before dinner is served  
(with Hot Butlred 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**

Keynote

"How Engineers Ramp Vaccines from Lab to World"

By Mark DeLuca, PE

Consultant to Merck, Johnson and Johnson, and Medimmune and others  
to build facilities to make vaccines for a wide variety of infections

No Banquet was held in 2021 due to the Covid Pandemic

Excerpted Comments from our PSPE Leadership  
[Addressed to Chapter Leaders, but all Members are Leaders  
to our Communities of Engineers and the Public we serve]

When I first started with the Pennsylvania Society of Professional Engineers, I heard one piece of advice from a volunteer leader that has stuck with me. Have you identified your replacement?

I know that's hard in this day, but I still believe volunteer leadership is valuable. Not only for organizations that do a great deal of good for communities, but for the individuals who dedicate a little bit of time each month (sometimes it's every week). For young professionals, volunteering with the Pennsylvania Society of Professional Engineers puts you into leadership roles. The projects are great practice for taking on new responsibilities in your career, and the bonus with PSPE, you are surrounded by Professional Engineers. You are working side by side with a network of experienced colleagues who understand exactly what it means to be a PE. What a perfect opportunity to learn and ask questions.

So, long message long, if you are a current chapter leader, be sure to attend this webinar by national leaders who started as chapter committee volunteers and made the climb to the national arena. Invite your replacement to join you!

Stay well, Jennifer Summers, Executive Director PSPE

NSPE Candidate Screening Committee Chair, Trish Hatley, invites you to a FREE Webinar November 1st at 4pm:  
"Volunteer Leaders Make A Difference – Are You Ready?"

[PLEASE REGISTER HERE.](#)

## Philadelphia Chapter Program 2021-22

Our program for 2021-22 still under development see 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](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="#">Schuylkill Banks Tour</a>
Sep 14-15 & 21-22 2021	PA State Virtual Conference
Oct. 7, 2021	<a href="#">Green Buildings Fall Short of Energy Metrics</a>
Nov. 4, 2021	<a href="#">Modeling Neck Biomechanics</a>
Dec. 2, 2021	<a href="#">Outstanding Engineering Achievement</a>
Jan. 6, 2022	Tour TBD
Feb. 3, 2022	Live and Virtual Telecast TBD
Feb 5, 2022	<a href="#">Phila Chapter MathCounts</a> <a href="#">MathCounts</a> <a href="#">Live at Temple University</a>
Feb 26, 2022	<a href="#">National Engineers' Week Banquet</a>
Mar 3, 2022	Live and Virtual Telecast TBD
Apr 7, 2022	Live and Virtual Telecast TBD
May 5, 2022	Annual Meeting & Officers Installed
Aug 1-3 2022	<a href="#">National NSPE PECON22</a>
Sep 22-24 '22	PA State Conference

## Our Board 2021-22

Was Elected at our Chapter Meeting of April 7th  
held by Skype and Teleconference

Please see <http://pspe-philly.org/officers/officers.html>  
for a list of our current Board

**NOMINATIONS for 2022-23 are now OPEN**  
**See BYLAW 12 – NOMINATION AND ELECTION OF OFFICERS AND DIRECTORS**

at <http://pspe-philly.org/bylaws/PhilaChapterBylawsVersion4-7-2005.pdf>

SECTION 1. The nomination of officers and Directors shall be made by a **Nominating Committee**. This committee shall be appointed by the President early in the administrative year, and shall consist of at least five members of the Chapter, in good standing, one of whom shall be the living most recent Past President currently on the rolls of the Chapter, who shall serve as chair of the Committee.

Interested individuals may contact [president@pspe-philly.org](mailto:president@pspe-philly.org)

Join us for #PECON22 in



Philadelphia August 1-3, 2022

CALL for Presentations OPEN November 5th to 30th  
for more information go to

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