

FLASHPOINT

Special points of interest:

- * Pay your 2020-2021 dues!
- * Jeff LaSalle, Fellow SFPE
- * Gold — 2020 Award for Chapter Excellence!
- * Volunteers Needed: Future Cities Competition

NEW YEAR! NEW PROGRAMMING! NEW PLACE!

Date: Tuesday, November 10, 2020

Place: *** Virtually via Microsoft Teams ***

5:00 PM: Program Begins

Program: Do's and Don'ts of Beam Detector Applications, Placement & Spacing; Presented by Nigel Ward - Technical Support Engineer at FFE in London, UK

Cost: \$15.00 for the program

Reservations: By 12:00 Noon Tuesday, November 10, 2020

RSVP ONLINE AT:

<https://forms.gle/UhoFFRqNdobC82Wn6>

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****New!!** SFPE Philadelphia Delaware-Valley Pay your Dues Online!** Thanks to Lokesh Nigam, we are now set up for easy online payment of dues and monthly meetings. Check it out at our website, www.sfpephiladelphia.org, and in the lower right-hand corner of the page there is a heading "Payment Options". Pick from the drop-down menu whether you are paying for annual dues, a virtual meeting, or an in-person meeting, click "Buy Now" and you will be directed to PayPal for processing.

Officers for 2020-2021

The new officers elected at the May business meeting are as follows:

President: Steve Oliver

1st Vice President: Jack Fairchild

2nd Vice President: Ryan Schartel

Secretary: Tim Murray

Asst. Secretary: Phil Kerschner

Treasurer: John Spitz

Directors 2019-2021: Frank Ellis, Josh Popek

Directors 2020-2022: Joe Chew, Lokesh Nigam

President's Spark by Steve Oliver, PE, MBA

Monthly Presentations

Thank you to Jack Fairchild for taking advantage of our virtual meeting format by reaching out to experts in the fire engineering community that are beyond the Philadelphia region. Last month we were recipients of an outstanding presentation on Foam Fire Suppression, given by Troy Wiltbank of Telgian Engineering. One of the items Troy noted in his presentation was PFAS, polyfluoroalkyl substances which have been found in firefighting foam, that do not degrade over time, and are believed to be dangerous to consume. Ironically, that evening I opened November's issue of Consumer Reports magazine, and found an article relating to PFAS in drinking water which noted the concerns from Willow Grove AFB in Horsham Township, Pa. The biggest surprise from the article was that PFAS over 1 part per trillion are found in some store purchased bottled water! This contaminant is a national concern and Consumer Reports is advocating for stricter federal limits as it relates to PFAS in drinking water.

SFPE Philadelphia Delaware Valley Donates \$500 to SFPE Foundation

Typically, at the annual SFPE national conference, there is a time where each chapter publicly presents their donation to the SFPE foundation. The President of the chapter walks up to the stage and hands the check to the President of SFPE national, while shaking their hand. It is tradition more than anything, and also recognition, and awareness of the positive impact the foundation plays in the fire protection engineering community. The foundation funds are used for research work, student scholarships, and awards programs. Included with the Flashpoint email for this month is a PowerPoint presentation showing in more detail the summary and activities of the SFPE foundation. Although the traditional delivery method has changed this year, the Philly Del-Val SFPE Board voted unanimously that we needed to continue supporting this worthy cause. We have sent a \$500 donation (same as last year), and I suspect there will be some form of recognition during the online conference.

SFPE national 2020 Virtual Annual Conference & Expo registration is now OPEN

You can now register for this year's virtual national SFPE Conference. The first day is free, and I'd encourage everyone to attend as our chapter will be recognized and presented the GOLD ACE award. You can also see Jeff LaSalle be recognized for his appointment to SFPE Fellow. The following two days are filled with educational presentations. For registration, please go to the following link:

<https://www.sfpe.org/mpage/RegisterSFPE20>

- Steve Oliver, PE

FLASHPOINT

"The purpose of FLASHPOINT is to provide a forum for the transfer of information between members of the Philadelphia-Delaware Valley Chapter of the Society of Fire Protection Engineers (SFPE) and to give the Chapter visibility."

Newsletter/Publicity Committee:

Tim Murray

Information for publication can be submitted to:

dvsfpe@gmail.com

This Newsletter is published 9 or 10 times/year (September through June) and received as part of membership of the Chapter. Membership Dues are \$30.00 collected annually in the Fall of the Year.

Visit our web site at:

www.sfpephiladelphia.org

Articles written are the views of the Author and not necessarily those of the Philadelphia-Delaware Valley Chapter of SFPE. ❖

Future Cities Competition Request for Volunteers:

Hello from Future City Philadelphia!

We hope everyone is staying safe and healthy!

Even with these unprecedented times, the Future City Competition is going strong! As of today, there are 41 schools registered!

This year's Future City Theme is Living on the Moon.

The Competition Challenge:

Design a future lunar city and provide examples of how your city uses two Moon resources to keep your citizens safe and healthy.

This year's competition will be virtual. The competition Date is January 30, 2021. Details on how the virtual sessions are going to work are being developed.

In the meantime, we need Volunteers! Volunteers for mentoring, judging, and support. Descriptions are as follows:

Mentor: Work with a student team to build their model and prepare for the competition. Teams are meeting virtually this year so you may be asked to work with a team outside your geographic area.

City Essay Judge: Evaluate a 1,500-word essay describing each team's city and response to the engineering challenge. The instructions for accessing and judging the essays will be emailed to you. Essays will be available for judging in mid-December and judging will be completed by mid-January. We anticipate 30-35 essays will be submitted; all judges will evaluate all essays, which could take about 20 minutes per essay. Rubrics will be provided.

Model/Presentation/Q&A Judge: All judging will be done virtually this year using Zoom and judges will input their scores into the Competition Management System (CMS). There will be three deliverables for each team that the judges will need to evaluate. The Model Slideshow (a pdf file) and a seven-minute Video Presentation will be available shortly after January 16; both will need to be judged and scores inputted into the CMS by January 26. The live ten-minute Q&A Session will be the morning of January 30. We anticipate that each judge will evaluate five to six teams and will need to evaluate all three elements for these teams. Rubrics will be provided for each deliverable. Training before the competition will be provided.

Special Awards Evaluator: Select which teams meet the criteria for a Special Award. Evaluators will be able to review team model slideshows and video presentations (available shortly after January 16) before the competition. These will also be available on the day of the competition. Evaluators will need to be available on the morning of January 30 to meet with teams virtually for Q&A. Scores will be recorded online which can be done using a mobile device while the a computer is used for Q&A via Zoom with the students. Training and detailed instructions will be provided.

Competition Support and Zoom Hosts: If you have been a "Competition Support" person in previous years, this is the equivalent role in the virtual world and we still need you regardless of Zoom experience. Zoom is our virtual platform and we need assistance both before and on the day of the competition to keep everything running smoothly. Individuals of all experience levels, including none, are needed. Duties will range from being virtual escorts for teams to helping to set up our virtual convention center. Instead of photographers we need people who can do screen captures. Training will be provided at all levels as needed.

Zoom Experts and Tech Gurus: The 2021 Philadelphia Future City Competition will be held in a virtual convention center and have about 50 simultaneous Zoom meeting throughout the morning. If you are already a Zoom expert or are an experienced tech person and know Zoom really well or want an excuse to learn more about it, we need you to help us pull this off. HTML and CSS skills would also be helpful but not required.

The following schools still need mentors:

Abram Hebrew Academy - Yardley, PA
Carver Engineering and Science - Philadelphia, PA
Congreso De Latinos Unidos - Philadelphia, PA
Dayspring Christian Academy - Mountville, PA
Great Valley Middle School - Malvern, PA
Pottsgrove Middle School - Pottstown, PA
Springfield Township Middle School - Oreland, PA
St Anastasia School - Newtown Square, PA
St Elizabeth Parish - Uwchlan, PA
St Hilary Poitiers School - Rydal, PA
St Jane De Frances De Chantal - Easton, PA
St Peter's School - Philadelphia, PA

For more information on mentoring, please contact: Mike McAtee at mjmcatee@urbanengineers.com.

2020 SFPE VIRTUAL ANNUAL CONFERENCE



The 2020 SFPE Annual Conference is taking place virtually this year. The first day of the conference will be free to attend. The following two days are filled with educational presentations. **On the first day, Jeff LaSalle will be recognized for his appointment to SFPE Fellow. Additionally, the Gold — 2020 Award for Chapter Excellence award will be presented to our Chapter!**

More conference information can be found at: <https://www.sfpe.org/ACVirtual2020>

Registration information can be found at: <https://www.sfpe.org/mpage/RegisterSFPE20>

GOLD — 2020 Award for Chapter Excellence

The Philadelphia-Delaware Valley SFPE Chapter was notified on July 31, 2020 by SFPE National that we were selected as a recipient of the Gold — 2020 Award for Chapter Excellence! In addition to our chapter, several other chapters are also receiving this award. They are: Central Savannah River Area Chapter, Greater Atlanta Chapter, IMFSE Student Chapter, New England Chapter, New Jersey Chapter, New York Metropolitan Chapter, Rocky Mountain Chapter, Saint-Laurent Chapter, Southern California Chapter, Switzerland Chapter, and Tennessee Valley Chapter.

The award will be presented during the first day of the 2020 SFPE Annual Conference on November 9, 2020.



2020 Seminar & Trade Show Update



To protect the health and safety of everyone, the Executive Committee and Board have decided to postpone the 2020 Fall Seminar & Trade Show scheduled for September 24, 2020 in King of Prussia, PA. We have made this decision by following the recent upward trend in Corona virus cases and our concern for the health and safety of all those who would attend the event.

The event has been rescheduled for April 15, 2021 at the Sheraton in King of Prussia, PA.

Thank you for your understanding and support. We apologize for any inconvenience this may cause, but we are prioritizing the health of everyone who would be attending.

We look forward to seeing everyone in April of 2021.

April 15, 2021

8 am—4:30 pm

Sheraton – Valley Forge

480 North Gulph Road

King of Prussia, PA 19406



2020 SFPE PDVC MEMBERSHIP NEWS

To enhance our distribution list and make sure that we are using the most up-to-date information to reach out to all of our membership, we ask that you please submit a new membership form with every membership renewal. Membership forms can be submitted digitally to dvsfpe@gmail.com or mailed in with your annual dues. Annual dues are now \$35 and can be paid by mailing a check or by visiting our website at www.sfpephiladelphia.org and following the instructions on the front page of this Flashpoint.

UPCOMING PHILADELPHIA-DELAWARE VALLEY SFPE MEETINGS AND EVENTS:				
Date	Meeting Type	Event	Location	Time
11/10/2020	Monthly Meeting	Beam Detectors	Microsoft Teams	5:00 PM
12/8/2020	Monthly Meeting	TBD	TBD	5:00 PM
1/12/2021	Monthly Meeting	TBD	TBD	5:00 PM
2/9/2021	Monthly Meeting	TBD	TBD	5:00 PM
3/9/2021	Monthly Meeting	TBD	TBD	5:00 PM
4/15/2021	Annual Seminar & Tradeshow	Annual Seminar & Tradeshow	Sheraton - Valley Forge	All Day



Philadelphia-Delaware Valley SFPE

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We're on the web:
www.sfpephiladelphia.org

Mission Statement

The Philadelphia/Delaware Valley Chapter purpose is to advance the art and science of fire protection engineering and its allied fields, for the reduction of life and property losses from fire, to maintain high ethical standards on engineering among its members and to foster fire protection education.

Recognition of fire protection engineering as a discrete engineering discipline is a prime goal. Engineering disciplines exist because there is a special body of knowledge based on the fundamentals of mathematics, physics, chemistry, engineering science and economics.

The chapter strives to facilitate sharing of sound engineering experiences and knowledge between its members and the fire protection community in general with an active program of education and scholarship activities.

Recommended Reading:

As mentioned in the President's Spark, the recommended reading for this month highlights water contamination from chemicals found in AFFF.

“Why Dangerous 'Forever Chemicals' Are Still Allowed in America's Drinking Water” - an article by Consumer Reports

<https://www.consumerreports.org/water-quality/why-dangerous-forever-chemicals-are-still-allowed-in-americas-drinking-water/>

**Society of Fire Protection Engineers
Philadelphia – Delaware Valley Chapter
2020-2021 Dues Notice Form**

Your Name: _____

Please indicate **by an arrow** where you prefer to receive your meeting notices. It is to our advantage to use Email, if possible. **If you want your meeting notices sent to your work email, please give us your home email as a back up.** Thank you.

Business Name and Address: _____

Business Phone Number: _____ Business Fax Number: _____

Business Email Address: _____

Type of experience/expertise in the Industry _____
Home Address: _____

Home Phone Number: _____

Home Email Address: _____

Please indicate which Committees you would be interested in participating:

___ Program ___ Membership ___ Coop. with other Societies
___ Scholarship ___ Education ___ Awards ___ Historian
___ Liaison with Fire Service ___ Constitution & By Laws
___ Nominations ___ Newsletter/Publicity ___ Finance & Budget

SFPE National Member: Yes or No IF yes, Membership Number & level _____

Annual Dues: \$35.00 \$30.00, if paid by October 14, 2020
(Please make your check payable to SFPE Philadelphia-Delaware Valley)

Return this form and check to:

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c/o Oliver Sprinkler Co.
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