

FLASHPOINT

Special points of interest:

- * Welcome Back!
- * Pay your 2020-2021 dues!
- * Jeff LaSalle, Fellow SFPE
- * Gold – 2020 Award for Chapter Excellence!

NEW YEAR! NEW PROGRAMMING! NEW PLACE!

Date: Tuesday, October 13, 2020

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

5:00 PM: Program Begins

Program: Foam Fire Suppression

Presented by Troy Wiltbank of Telgian Engineering & Consulting

Cost: \$15.00 for the program

Reservations: By 12:00 Noon Tuesday, October 13, 2020

RSVP ONLINE AT:

<https://forms.gle/9RabNrWNrzvA9Dkb7>

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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

It is the end of September and just today I read on the Cal Fire Website that 3,627,010 acres in California have been burned from wildfires. That is larger than the entire area of the state of Connecticut (3.548 million acres). The affect of these fires is devastating. 7,196 structures have been damaged or destroyed. There have been 26 fatalities. There has been a cost to our environment from the emissions of the fires, and release of carbon dioxide into the atmosphere. Tens of Thousands of fire fighters have been working around the clock to contain the fires. According to our local news, some of the haze we experienced recently was a result of the wild fires in California, Oregon, and Colorado.

What are we learning from these fires and how can we stop them in the future? Does the United States need to rethink its approach to managing fire? How can we, as Fire Protection Engineers, help?

Design and code adoption can help. Having adequate water sources to fight a fire is an important provision when building a community. Requiring the use of fire-resistant building materials. Creating natural fire separation barriers where there is limited fuel for a fire to burn, areas where brush and vegetation have been removed.

Fire can also be used to prevent fire. Intentional burns or preventive fires can be used to manage brush and vegetation and create barriers to future wild fires.

Attending the SFPE Virtual Conference will provide an opportunity to learn about some of the above items. On Day 2, Jim Milke is scheduled to provide a presentation titled "Impact of Fire Protection Solutions on the Environment", and shortly after that Kevin McGrattan will speak about "Modelling Wildland Fires."

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>



www.fire.ca.gov

- 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. ❖

October 2020 Speaker's Biography



Professional Experience

Troy Wiltbank

Regional Practice Leader, Fire Protection Engineering

Troy Wiltbank has been managing business development efforts in the fire protection industry for more than 23 years and has a deep understanding of fire protection applications and products. Troy's expertise is working with clients to provide influential insight on projects from conceptual designs to field commissioning to presenting a finished product to the end user. He excels at setting and surpassing client goals and performance expectations; teamwork and collaboration; and establishing and maintaining client relationships.

Troy has extensive knowledge of foam system applications; foam, clean agent, and mist product lines; water-based products; and combustible and flammable liquid applications. He is also able to successfully and effectively navigate NFPA codes including 11, 16, 30, 409, 418.

YEARS OF EXPERIENCE

- Total: 23
- Joined Telgian in 2020

EDUCATION

- Gig Harbor, Washington

SECTORS SERVED

- Assembly
- Commercial
- Education
- Government
- Healthcare
- Hospitality
- Industrial
- Residential
- Retail
- Storage
- Technology
- Transportation

Recommended Reading:

“These Changes Are Needed Amid Worsening Wildfires, Experts Say” - an article by The New York Times

<https://www.nytimes.com/2020/09/10/climate/wildfires-climate-policy.html>



Photo Credit: The New York Times

Pennsylvania Society of Professional Engineers (PSPE) Stamp / Seal Information

The Pennsylvania Society of Professional Engineers (PSPE) has sent the following information to its members. It is being shared with the Chapter, as it directly affects our licensed members:

STATE REGISTRATION BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS AND GEOLOGISTS

[49 PA. CODE CH. 37] Digital Signature and Seal

[50 Pa.B. 4245] [Saturday, August 22, 2020]

The State Registration Board for Professional Engineers, Land Surveyors and Geologists (Board) proposes to add §§ 37.56a and 37.60 (relating to definitions; and digital signature and seal) and amend §§ 37.57—37.59 (relating to registration number; seal; and use of seal) to read as set forth in Annex A.

Background and Need for this Proposed Rulemaking

Subsection 7(a) of the act (63 P.S. § 154(a)) requires each licensee to obtain a seal of a design authorized by the Board and to stamp all work product issued by the licensee with that seal. The Board has promulgated §§ 37.58 and 37.59 to set standards for licensee use of the seal, including the requirement at § 37.59(2) that the licensee also sign the document. However, these regulations were developed when the seal was applied by means of a metal embosser or a rubber stamp; they did not contemplate that a seal or signature could be placed digitally through the personal use of computer technology by placing an image of the seal or signature on a document and did not contemplate that a document could be signed digitally other than by placing an image of the signature on the document. With such technology now available, the National Council of Examiners in Engineering and Surveying (NCEES), the National organization of engineering and land surveying licensing boards, has addressed its use in paragraph H of section 240.20 (relating to seals) of its Model Rules (https://ncees.org/wp-content/uploads/Model_Rules_2019_web.pdf).

The direct link to the proposed rule is here: <http://www.pacodeandbulletin.gov/Display/pabull?file=/secure/pabulletin/data/vol50/50-34/1142.html>

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.



*Philadelphia
Delaware Valley*

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.

Additionally, the SFPE PDVC voted on by-law amendments during the September 2020 Chapter meeting. The by-law amendments were accepted with limited changes. New by-laws will be sent out separately to all members.

UPCOMING PHILADELPHIA-DELAWARE VALLEY SFPE MEETINGS AND EVENTS:				
Date	Meeting Type	Event	Location	Time
10/13/2020	Monthly Meeting	Foam Fire Suppression	Microsoft Teams	5:00 PM
NOV 2020 - TBD	Monthly Meeting	TBD	TBD	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

209 Mechanic St.
Doylestown, PA 18901
Phone: 215-345-8066 X 22
Fax: 215-345-9357
E-mail: jays@tilleyfire.com

We're on the web:
www.sfp Philadelphia.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.

2020 FIRE PREVENTION WEEK

This year's Fire Prevention Week, scheduled to take place from 4 — 10 October 2020, is focused on Fire Safety in the Kitchen. Fire Prevention Week is observed each year during the week of October 9th in commemoration of the Great Chicago Fire. During this fire, more than 250 people were killed, 100,000 were left homeless, 17,400 structures were destroyed, and more than 2,000 acres of land were burned.

Cooking fires rank as the #1 cause of house fires in the United States.

**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:

John Spitz
c/o Oliver Sprinkler Co.
501 Feheley Drive
King of Prussia, PA 19406
jspitz@oliversprinkler.com

SFPE Philadelphia Delaware Valley Chapter:

We are pleased to announce that you may now pay your dues and meeting costs online in-lieu of mailing a check. You may use either a credit card or a PayPal account. Please note that there will be an extra \$1 transaction fee for any online payments. See below for step by step instructions to pay online:

1. Go to the chapter website: <https://www.sfpephiladelphia.org/>
2. Scroll to the bottom right corner where you will see "Payment Options":

The screenshot displays the website of the SFPE Philadelphia Delaware Valley Chapter. The page is divided into several sections. On the left, there is a 'Mission Statement' section followed by 'Membership Applications' which includes links for 'Membership Application', 'Student Application', and 'Dues Notice Form'. Below this is a 'Chapter Documents' section with links for 'SFPE Constitution and By Laws' and 'Officer Roles and Responsibilities'. In the center, there is a 'Flashpoint Newsletters' section listing various newsletters from September 2020 back to May 2019, along with a 'Newsletter Archive' link. On the right side, there is a 'Directors 6/19 to 6/21' section listing Frank Ellis and Josh Popek, followed by an 'Immediate Past President' section listing Jeff LaSalle, PE, and a 'Past Presidents' section. Below these is a 'Fire Protection Organizations' section listing the 'Hospital Fire Marshals' Association', 'National Fire Protection Association', and 'Society of Fire Protection Engineers International'. At the bottom right, the 'Payment Options' section is circled in red. It contains the text 'Please provide comments with all payments', a dropdown menu showing 'Membership Dues - Standard \$31.00', a yellow 'Buy Now' button, and logos for Visa, Mastercard, and American Express.

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.

Membership Applications

The SFPE is dedicated to teaching its members in most every aspect of Fire Protection and is able to meet the challenge of providing the data you need to survive in the Fire Protection Industry now and into the future.

All you need do is apply for membership and let us do the rest. Take that step into your future!

[Membership Application](#)

[Student Application](#)

[Dues Notice Form](#)

Chapter Documents

[SFPE Constitution and By Laws](#)

[Officer Roles and Responsibilities](#)

Flashpoint Newsletters

[September 2020](#)

[March 2020](#)

[February 2020](#)

[January 2020](#)

[December 2019](#)

[November 2019](#)

[October 2019](#)

[September 2019](#)

[May 2019](#)

[Newsletter Archive](#)

Directors 6/19 to 6/21

Frank Ellis

Josh Popek

Immediate Past President

Jeff LaSalle, PE

Past Presidents

Fire Protection Organizations

[Hospital Fire Marshals' Association](#)

[National Fire Protection Association](#)

[Society of Fire Protection Engineers International](#)

Payment Options

Please provide comments with all payments

Membership Dues - Standard \$31.00

Buy Now

Visa Mastercard American Express

3. Select the item you are paying for from the drop down menu and then click the "Buy Now" button:

[Instructions](#)

Payment Options

Please provide comments with all payments

Membership Dues - Standard \$31.00 ▼

Membership Dues - Standard \$31.00

Membership Dues - Late \$36.00

Meeting - Virtual \$16.00

Meeting - In person \$31.00

4. This will bring you to a PayPal page, select “Continue”:

SFPE Philadelphia Delaware Valley

Purchase details

Description

Payments

Price per item

16.00

USD

Quantity

1

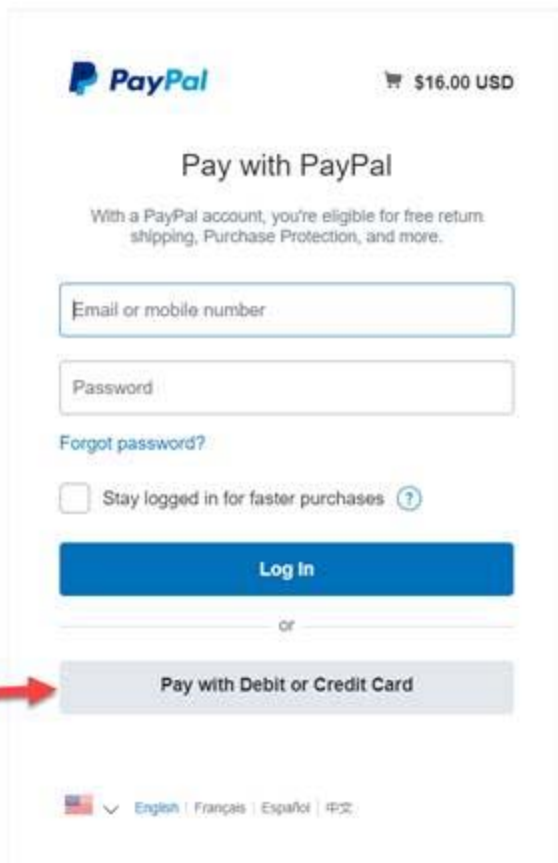
Continue

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5. The next page will prompt you to log in with a PayPal account. If you do not have a PayPal account, you can select “Pay with Debit or Credit Card”:



The image shows the PayPal login and payment options screen. At the top left is the PayPal logo, and at the top right is a shopping cart icon with the text "\$16.00 USD". The main heading is "Pay with PayPal". Below this, a subtext states: "With a PayPal account, you're eligible for free return shipping, Purchase Protection, and more." There are two input fields: "Email or mobile number" and "Password". Below the password field is a link "Forgot password?". A checkbox labeled "Stay logged in for faster purchases" with a help icon is present. A blue "Log in" button is below the checkbox. A horizontal line with the word "or" in the center separates the login section from the payment section. The payment section has a grey button labeled "Pay with Debit or Credit Card", which is pointed to by a red arrow. At the bottom, there is a language selector showing a US flag and a dropdown arrow, followed by the text "English | Français | Español | 中文".

PayPal

🛒 \$16.00 USD

Pay with PayPal

With a PayPal account, you're eligible for free return shipping, Purchase Protection, and more.

Email or mobile number

Password

[Forgot password?](#)

☐ Stay logged in for faster purchases [?](#)

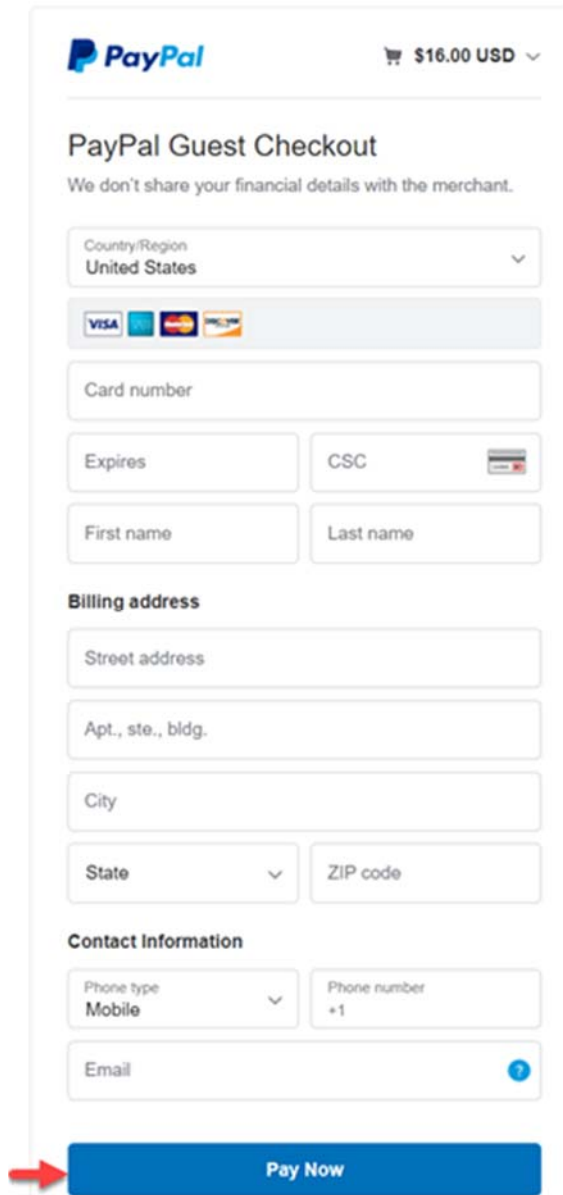
Log in

or

Pay with Debit or Credit Card

🇺🇸 ▼ English | Français | Español | 中文

6. The last page will prompt you for your credit card information. Once the information is filled out, hit the "Pay Now" button:



The image shows a PayPal Guest Checkout form. At the top, the PayPal logo is on the left, and a shopping cart icon with "\$16.00 USD" is on the right. Below the logo, the title "PayPal Guest Checkout" is displayed, followed by the text "We don't share your financial details with the merchant." The form contains several input fields: a "Country/Region" dropdown menu set to "United States", a row of payment method logos (VISA, AMEX, MASTERCARD, DISCOVER), a "Card number" field, an "Expires" field, a "CSC" field with a card icon, "First name" and "Last name" fields, a "Billing address" section with "Street address", "Apt., ste., bldg.", "City", "State" (dropdown), and "ZIP code" fields, a "Contact Information" section with "Phone type" (dropdown set to "Mobile"), "Phone number" (with a "+1" prefix), and an "Email" field with a blue question mark icon. A red arrow points to a blue "Pay Now" button at the bottom of the form.

7. The transaction is now complete and you should receive a confirmation email.

Please feel free to reach out to John Spitz (JSpitz@OliverFPS.com) or Lokesh Nigam (Lokesh.Nigam@smithgroup.com) for any questions/issues.