

# FLASHPOINT

## Special points of interest:

- \* Online Training Opportunities.
- \* Legislative Update

## MARCH MONTHLY MEETING

**Date:** Tuesday, March 8<sup>th</sup>, 2022  
**Time:** 6:00 pm (EST)  
**Place:** Oliver Fire Protection and Security  
501 Feheley Dr, King of Prussia, PA 19406

### Program:

#### "Water Driven Foam Proportioners"

Stephen Haines, Haines Fire & Risk Consulting

**Cost:** \$30.00 for the program.

**Reservations:** **RSVP by NOON on MONDAY MARCH 7<sup>th</sup>.**



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### Significant March Fires Throughout U.S. History:

#### "New London School Explosion", New London, TX - March 18<sup>th</sup>, 1937

- At least 295 fatalities
- 3<sup>rd</sup> worst disaster in Texas history

#### "Great New Orleans Fire", New Orleans, LA - March 21<sup>st</sup>, 1788

- The fire destroyed 856 of the 1,100 structures in the city of New Orleans.
- 3 ships were sent to Philadelphia for provisions immediately after the fire.

#### "Triangle Shirtwaist Factory Fire", New York, NY - March 25<sup>th</sup>, 1911

- 146 fatalities
- Incident resulted in a call for reforms in fire safety and workplace safety.

We are happy to accept online payments of dues and monthly meetings. Check it out at our website, [www.sfpephiladelphia.org](http://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.

**RSVP ONLINE AT: <https://forms.gle/51dWr5PZsZpVyxMQA>**



## President's Spark Jack Fairchild, PE, CFPS, CET

Here we go!

Finally back to live in-person meetings (or at least hybrid)! This month's meeting will be held at our pre-Covid location, ***Oliver Fire Protection & Security***, and the same Teams meeting invite will be valid. Come in-person if your schedule accommodates, join online if you are unable. Please bear with us as we work through the technical issues.

Oliver's support of the chapter through their willingness to provide us space is greatly appreciated and is reflective of their commitment to the chapter and of the industry in general. We plan to serve a meal, if you plan to attend in person, please respond by Monday afternoon so we can have the appropriate feast. Stephen Haines will be presenting Water Driven Foam Proportioners.

Hope to see you all there!

Best,  
Jack Fairchild

### 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:

**Frank Ellis**

Information for publication can be submitted to:

**[dvsfpe@gmail.com](mailto: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 \$35.00 collected annually in the Fall of the Year.

Visit our web site at:

**[www.sfp Philadelphia.org](http://www.sfp Philadelphia.org)**

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

# SFPE WEBINAR SERIES

Sign up online at: <https://www.sfpe.org/events-education/sfpewebinarseries>

## **A Framework for More Robust Fire Safety Engineering – Greater Design Responsibility**

Mar 9, 15:00 - 16:30 (ET)

## **The DISCO model in Drama: Tools to deal with drama in the workplace**

Mar 10, 11:00 - 12:30 (ET)

## **Introduction to Performance-Based Design and Regulation in Europe**

Mar 14 - 18

## **A Framework for More Robust Fire Safety Engineering – Incorporating Sociotechnical**

Mar 14, 15:00 - 16:30 (ET)

## **Fire and Life Safety Design of Very Tall Buildings: Challenges and Strategies**

Mar 28 - Apr 1

## **Advanced Fire Dynamic Simulator (FDS) with PyroSim and Smokeview**

Apr 4 - 29

## **Experimental and Numerical Investigation of Gypsum Calcination under Fire Exposure**

Apr 5, 11:00 - 12:00 (ET)

# NFSA Online Training

Sign up online at: <https://community.nfsa.org/learning/home>

## **Supply Chain Issues & Answers**

March 24, 12:00 - 14:00 (ET)

## **Storage Commodities with NFPA 13 (2019) and the IFC (2021)**

May 20, 09:00 - 11:30 (ET)

# LEGISLATIVE UPDATE

**By: Jason A. Lupa, P.E., Mid-Atlantic Business Development Engineer, Siemens Smart Infrastructure**

Effective February 12, 2022, the Pennsylvania Uniform Construction Code (UCC) will utilize the state-amended 2018 edition of the International Codes, with the exception of the IBC Chapter 11 Accessibility Code. There is a six-month grace period which allows a permit applicant to have projects reviewed under the PA-IBC 2015 or PA-IBC 2018 edition. August 12, 2022 is the final application day to choose a code version.

Many states require code-compliance based on the permit application date. Pennsylvania law requires compliance based on the design or construction project's contract date. This is critical since initial design documents may be started well in advance of a code cycle and new regulation adoptions can affect construction budgets. Typically the architect will list the applicable code versions on the primary cover sheet and these should be followed for the entire construction tier. An AHJ may request proof of the contract date to validate the requested code version. For further information, see the implementation language from the Pennsylvania Construction Code Act of 1999, Chapter 3, § 304.

The I-Codes are divided up into 15 individual codes. For accessibility provisions, Pennsylvania has adopted the most up-to-date standards for new and existing construction from Chapter 11 (Accessibility) and Appendix E of the 2021 International Building Code (IBC) as well as the 2021 International Existing Building Code (IEBC). The PA UCC building accessibility requirements took effect on January 1, 2022, with a six-month grace period.

*Reminder:* L&I has already granted Philadelphia permission to use the 2018 edition of the I-codes. Philly will maintain their own modified version of the 2018 IBC, since they are a Class A city.

## **CONTACT INFORMATION:**

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# 2021/2022 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](mailto:dvsfpe@gmail.com) or mailed in with your annual dues. Annual dues are \$35 and can be paid by mailing a check or by visiting our website at [www.sfpephiladelphia.org](http://www.sfpephiladelphia.org) and following the below instructions.

**\*\*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](http://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.

## EVENT CALENDAR

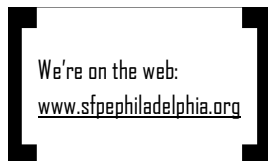
UPCOMING PHILADELPHIA-DELAWARE VALLEY SFPE MEETINGS AND EVENTS:				
Date	Meeting Type	Event	Location	Time
1/11/2022	Monthly Meeting	Dave Winder: HFC Phasedown	VIRTUAL	5:00 PM
2/8/2022	Monthly Meeting	Ray Vance: Fire Sprinkler Plan Review	VIRTUAL	5:00 PM
<b>3/8/2022</b>	<b>Monthly Meeting</b>	<b>Stephen Haines: Water Driven Foam Proportioners</b>	<b>Oliver Fire Protection</b>	<b>6:00 PM</b>
4/12/2022	Monthly Meeting	Frank Ellis: NFPA 13E	Fire University	6:00 PM
5/10/2022	Annual Business Meeting	TBD	Hybrid/TBD	6:00 PM



**SOCIETY OF FIRE PROTECTION ENGINEERS**  
Philadelphia-Delaware Valley Chapter

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## 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.



The SFPE Philadelphia Delaware Valley Chapter Board of Directors has decided that fire protection engineering related job announcements will be welcomed in the Flashpoint newsletters. Job Announcements will be \$50 per month for a 1/3 page advertisement. Submittal of artwork / text to be included in the advertisement is required. If you are interested, please reach out to the DVSFPE Secretary, Frank Ellis, at [dvsfpe@gmail.com](mailto:dvsfpe@gmail.com).

## Officers for 2021-2022

The officers elected at the May 2021 business meeting are as follows:

**President:** Jack Fairchild

**1st Vice President:** Ryan Schartel

**2nd Vice President:** Tim Murray

**Secretary:** Frank Ellis

**Asst. Secretary:** Phil Kerschner

**Treasurer:** John Spitz

**Directors 2020-2022:** Joe Chew, Lakesh Nigam

**Directors 2021-2023:** Dan DeDominic, William Wheeler