

FLASHPOINT

Special points of interest:

- * Online Training Opportunities.
- * SFPE Corporate 100



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APRIL MONTHLY MEETING

Date: Tuesday, April 12th, 2022

Time: 5:00 pm (EST)

Place: Fire University
9 Florence Avenue, Building B
Penns Grove, NJ 08069

Program: **"NFPA 13E"**
Frank Ellis, National Fire Sprinkler Association

Cost: \$30.00 for the program.

Reservations: **Please RSVP by C.O.B. FRIDAY APRIL 8th.**

Significant April Fires Throughout U.S. History:

- "S.S. Grandcamp & Monsanto Chemical Co.", Texas City, TX - April 16th, 1947**
 - Between 400 and 600 people were killed, with as many as 4,000 injured.
 - Explosion of 2300 tons of ammonium nitrate fertilizer heard 150 miles away.
- "Ohio State Penitentiary", Columbus, OH - April 21st, 1930**
 - 320 of the 4300 prisoners were killed, another 130 seriously injured.
 - The prison was only designed to hold 1500 prisoners.
- "S.S. Sultana Steamship Boiler Explosion and Fire", Marion, AR - April 27th, 1865**
 - Over 1800 fatalities (compared to 1512 lives lost on the Titanic).
 - Worst maritime disaster in United States history.

We are happy to accept online payments 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.

RSVP ONLINE AT: <https://forms.gle/g2ZvXLjSGk3ukwQR7>



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

Thank you to everyone that attended our last meeting. The presentation on foam pumping solutions was educational and entertaining. Thank you once again to Oliver Fire Protection and Security for the generous use of their facilities.

This month's topic is NFPA 13E and will be presented from Frank Ellis. I had the pleasure of attending Frank's presentation at SFPE annual conference in Baltimore and found it highly informative for those of us designing sprinkler and standpipe systems.

I'm excited to announce this month's meeting will be held at the new "Fire University" training school in Penns Grove, NJ. Fire University's mission is "to bring the most up-to-date technical education and practical training to the fire safety and protection industry." Fire University partnered with industry leaders to set up a fully functioning wet lab that consists of 15 various riser assemblies, and multiple fire pumps. They offer multiple training classes including ASSE 15010 certification.

This meeting will start at 5pm, but is anticipated to run a little long since we are hearing from Frank Ellis and exploring the facility. Please plan accordingly.

This meeting will be held both in person and with a remote option. If you are attending in person, please sign up early so we have an accurate count for catering.

Information about Fire University can be found at FireUniversity.org

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

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.sfpephiladelphia.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>

Advanced Fire Dynamic Simulator (FDS) with PyroSim & Smokeview
Apr 4 - 29

Experimental & Numerical Investigation of Gypsum Calcination under Fire Exposure
Apr 5, 11:00 - 12:00 (ET)

Smoke Management - Fundamentals of Atrium Smoke Control
Apr 12, 12:00 - 13:30 (ET)

Smoke Management - Tenability Analyses & Selection of Design Fires
Apr 19, 12:00 - 13:30 (ET)

Women in the Workplace
Apr 21, 11:30 - 12:30 (ET)

Expanding the Adoption of Performance-Based Structural Fire Design in the US
May 10, 11:00 - 12:30 (ET)

Creating the Work Experience of Your Dreams in the 2020s
May 12, 12:00 - 13:30 (ET)

NFSA Online Training

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

Storage Commodities with NFPA 13 (2019) and the IFC (2021)
May 20, 09:00 - 11:30 (ET)

Are you an SFPE Corporate 100 Partner?

The SFPE Corporate 100 Partner Program was founded in 1976 to give organizations and individuals an opportunity to show their support of SFPE's mission. With the financial support of our Corporate 100 Partners and the dedication of both volunteers and staff, SFPE has made groundbreaking strides to define and improve the practice of fire protection engineering.

With the support of our Corporate Partners, SFPE has:

1. Established and maintained the state licensing examination for fire protection engineers.
2. Published five editions of the *Fire Protection Engineering Handbook*.
3. Produced *Fire Protection Engineering magazine*, the *Journal of Fire Technology*, and numerous SFPE engineering guides and standards.
4. Provided a comprehensive continuing education program encompassing both virtual and face-to-face programs.
5. Launched a bi-annual European Fire Safety Conference and quarterly digital magazine focused on European topics and case studies.
6. Advocated the importance of fire protection engineering and fire safety engineering to a global audience.

These achievements have helped establish fire protection engineering as a distinct, definable discipline and have improved the technical capabilities of its practitioners. The support of Corporate 100 Partners has been invaluable to the success of these efforts, and will enable us to continue to work towards achieving our mission: to define, develop, and advance the use of engineering best practices; expand the scientific and technical knowledge base; and educate the global fire safety community, in order to reduce fire risk.

Becoming a Corporate 100 Partner is a great way to showcase your organization's commitment to the fire protection engineering community. Joining SFPE as a Corporate 100 Partner entitles you to a unique mix of benefits including discounts on advertisements and event sponsorships, recognition in *Fire Protection Engineering* and at events, free memberships and more. Beyond these monetary benefits are unique opportunities available only to Corporate 100 Partners, such as timely updates from and input to the SFPE Board of Directors and senior staff, as well as priority exhibit placement at SFPE events, and more.

Showcase your dedication to engineering a fire safe world - become a Corporate 100 Partner today!

Interested in aligning your organization with the Corporate 100 Program? Contact SFPE at (301) 718-2910 or info@sfpe.org.

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 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 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, 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

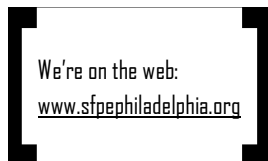
UPCOMING PHILADELPHIA-DELAWARE VALLEY SFPE MEETINGS AND EVENTS:				
Date	Meeting Type	Event	Location	Time
1/11/2022	Monthly Meeting	Dave Winder: HFC Phasedown	VIRTUAL	5:00 PM
2/8/2022	Monthly Meeting	Ray Vance: Fire Sprinkler Plan Review	VIRTUAL	5:00 PM
3/8/2022	Monthly Meeting	Stephen Haines: Water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

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, Lokesh Nigam

Directors 2021-2023: Dan DeDominic, William Wheeler