

FLASHPOINT NEWSLETTER

PHILADELPHIA-DELAWARE VALLEY SFPE CHAPTER

OCTOBER MEETING

DATE: TUESDAY OCTOBER 9, 2018

LOCATION:

JACOBS ENGINEERING
THREE TOWER BRIDGE, SUITE 3000,
CONSHOHOCKEN, PA

TIME:

5:30PM FELLOWSHIP

6:00PM DINNER

DINNER PROGRAM:

THE PRESENTATION WILL BE ON FOAM!
OUR PRESENTERS WILL BE GREGG
UBLACKER AND PHILIP GOLDHAR FROM
ANSUL FOAM. THEY WILL BE COVERING AN
NUMBER OF TOPICS. SOME INCLUDE:

- THE DIFFERENCE IN C8 AND C6 FOAMS
- AN EXPLANATION OF PFOA AND PFOS
- C6 PERFORMANCE
- ENVIRONMENTAL IMPACT AND TESTING

COST: \$30.00 FOR DINNER AND PROGRAM
RESERVATIONS BY: 12:00 NOON FRIDAY
OCTOBER 5,2018.

PLEASE RSVP ONLINE AT THE LINK BELOW

<https://goo.gl/forms/CfhyPYe6FtrqB2ft2>



Special points of interest:

- GET YOUR DUES IN!!

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PRESIDENT'S MESSAGE

The 2018-2019 Chapter year started with a bang last month as we heard Nick Melly and Gabriel Taylor of the US Nuclear Regulatory Commission review research and present experimental tests on High Energy Arcing Faults (HEAF). These dramatic, high energy explosions and ensuing fire scenarios are being studied, in part, to inform probabilistic risk assessments of the need to replace/ upgrade equipment in operating nuclear power plants. The videos of some of these tests are stunning in revealing the damage that can be caused to the equipment and surrounding environment from these HEAF events.

The US NRC work shows how fundamental research in specific failure events can inform fire protection engineering analysis and decisions on protection and mitigation approaches. Questions of risk, cost-benefit, and probability don't often enter into our discussions about fire safety on a daily basis – but maybe they should. We aspire to be an organization based on scientific principles – the “art and science” phrase was replaced by “science and practice” in the SFPE's statement of purpose many years ago. One way to help this evolution is for each of us to incorporate this engineering way of thinking into our daily interactions with other professionals and with lay people.

Often, decisions are driven by code requirements. But by understanding the “why” and by thinking in terms of risk and consequences we each can do our part to advance our discipline. This requires constant education, which we strive for in our monthly technical presentations. At the end of October the SFPE Annual Conference & Expo in Nashville provides another excellent opportunity to expand our toolbox. I encourage you to register if you have not already done so.

Yours in fire safety,
Jeff LaSalle

**Society of Fire Protection Engineers
Philadelphia – Delaware Valley Chapter
2018-2019 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 9, 2018
(Please make your check payable to SFPE Philadelphia-Delaware Valley)

Return this form and check to:

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

2018 AFSA MAC Casino Night Fundraiser

October 26 @ 6:00 pm - 11:00 pm

Please join the AFSA Mid Atlantic Chapter for dinner, drinks, and a roll of the dice at our annual fundraiser benefiting the Burn Foundation!

This year, the AFSA MAC Casino Night will be held on **Friday, October 26** at the **Sheraton Valley Forge in King of Prussia, PA**. Doors open at **6pm**.

Tickets are \$50/person or \$275 for a group of (6).

Want to sponsor this worthy cause? Sponsorships cost \$500 and come with (2) tickets.

To register as an attendee or sponsor, please email the chapter board for more information at afsamidatlantic1@gmail.com

STAY AND PLAY!

Book a room at the Sheraton at our group rate – just \$129 for the night. To take advantage of this discount, call the Sheraton Valley Forge at 484-238-1800 and mention “American Fire Sprinkler Association.”

Future City Philadelphia Engineering Fair

Our plans are coming together for the inaugural Future City Philadelphia Engineering Fair on October 13. There is still time to register as an exhibitor.

Go to our website for more information: futurecityphilly.org/engfair2018.htm.

For a direct link to register, go to tinyurl.com/FC-EngFair-Exhibitor



This Fire Prevention Month, Is Your Family Super Prepared?

AURORA, Ill., Oct. 1, 2018 /PRNewswire/ -- There's safety in numbers, and when it comes to fire protection, numbers can make all the difference. In honor of Fire Prevention Month this October, First Alert, the most trusted brand in home safety [*], and its Super Prepared Family are encouraging everyone to practice "safety in numbers" to ensure they are "super prepared" when it comes to whole home safety.

Experience the interactive Multichannel News Release here: <https://www.multivu.com/players/English/8386151-first-alert-fire-prevention-month-safety-in-numbers/>

"Fire safety is a whole-family affair," said Tarsila Wey, director of marketing for First Alert, a leader in residential fire and carbon monoxide (CO) detection devices. "Through a highly educational and fun campaign with our Super Prepared Family that touches on key home safety measures, we aim to help people understand the importance behind some startling home safety numbers and why it is so critical to involve the entire family when discussing the topic."

3 of 5: The number of fire deaths that occur in homes without smoke alarms

"It's a shocking number – three of every five home fire deaths result from fires in homes without smoke alarms or no working smoke alarms [**]," said Wey. "Many of these tragedies could be prevented with proper placement, number and maintenance of working smoke alarms, as well as prior emergency and escape planning."

Ensuring properly functioning smoke alarms are installed throughout the home – one on each level and in every bedroom, according to National Fire Protection Association (NFPA) recommendations – is the first line of defense for fire prevention. Additionally, alarms must be regularly tested, as they do not last forever, and must be replaced at least every 10 years regardless of their manufacturer.

1: The number-one leading cause of house fires is unattended cooking

Beyond alarms, having fire extinguishers – and knowing how to use them – is an important part of maintaining a safe home for you and your family, as unattended cooking is the number one cause of house fires [**]. Place extinguishers in each area of the home where a fire could potentially occur, including the kitchen, living room, bedrooms and garage.

1/2: The number of homeowners without an emergency escape plan

Another critical component of fire safety is having – and frequently practicing – an escape plan with your family. Unfortunately, less than 50 percent of homeowners have an escape plan – and even less practice it regularly [***]. As part of this plan, equip second-floor sleeping areas with escape ladders and discuss how to use them. In the event of an emergency, it is important to exit the home, stay outside and wait at the predesignated meeting place away from the home. Call 911 and wait until officials clear your home to re-enter it safely.

1: The number-one leading cause of accidental deaths is carbon monoxide (CO)

To read more from this article, see the link below!

<https://www.marketwatch.com/press-release/this-fire-prevention-month-is-your-family-super-prepared-2018-10-01>

Fire Safety Campaign Encourages Fire Service Professionals to help communities close the Door on Fire

UL Firefighter Safety Research Institute (FSRI) is working across all levels of the fire service in its “Close Before You Doze” fire safety campaign. This ongoing public education initiative is aimed at teaching the community how to contain a house fire and keep family members safe.

In honor of Fire Prevention Week, UL FSRI burned a fully-furnished home to demonstrate how the simple behavior of closing the doors in a house--particularly before bedtime--can have a potentially life-saving impact on those trapped inside, and what first responders should do when responding to a house fire.

“Our research clearly shows that closed doors dramatically decrease heat and CO levels, which provide trapped occupants more time for help to arrive,” said Steve Kerber, UL Director of Firefighter Safety Research. “Closing your doors is especially important at night when people are vulnerable and disoriented, with little time to react. It’s such a simple thing to do, and the result can be life versus death.”

Forty years ago, people had an average of 17 minutes to escape a burning home after the activation of a smoke alarm. Today, according to research by UL FSRI, that window has shrunk to an average of three minutes or less as a result of synthetic furnishing materials, open floor plans and lightweight construction materials, which all accelerate the spread of a fire.

“As members of the fire service, we know the significant impact a closed door can have on the occupants of a burning house,” said Kelvin Thomas, Battalion Chief, Deputy Training Officer/Command Competencies Coordinator of the Montgomery County (MD) Fire & Rescue Service. “Because of that, we’re excited to be working with UL FSRI to spread the message far and wide within our communities. Our hope is that closing doors becomes second nature in every household across America, and that we see a dramatic decrease in house fire fatalities as a result.”

About UL FSRI

UL Firefighter Safety Research Institute (FSRI) advances fire research knowledge and develops cutting edge, practical fire service education aimed at helping firefighters stay safe while more effectively protecting people and property. Guided by a global advisory board comprised of fire service personnel, UL FSRI investigates residential, commercial, and industrial fires through full-scale testing, field-testing, and modeling to replicate actual fires faced by firefighters. Research results are shared through interactive training courses that have reached hundreds of thousands of firefighters globally. To learn more, visit ULFirefighterSafety.org.

About UL

UL fosters safe living and working conditions for people everywhere through the application of science to solve safety, security and sustainability challenges. The UL Mark engenders trust enabling the safe adoption of innovative new products and technologies. Everyone at UL shares a passion to make the world a safer place. We test, inspect, audit, certify, validate, verify, advise, and train. We support these efforts with software solutions for safety and sustainability. To learn more about us, visit UL.com.

October 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3 NEW JERSEY ASCET MEETING	4	5	6
7	8	9 PHILADELPHIA- DELAWARE VALLEY SFPE	10	11	12	13
14	15	16 BERKS COUNTY ASCET MEETING	17 DELAWARE ASCET MEETING	18	19	20
21	22	23	24	25	26	27
28	29	30 PHILADELPHIA ASCET	31 HALLOWEEN			

OCTOBER 3: NEW JERSEY ASCET MEETING

OCTOBER 9: PHILADELPHIA-DELAWARE VALLEY SFPE

OCTOBER 16: BERKS COUNTY ASCET MEETING

OCTOBER 17: DELAWARE ASCET MEETING

OCTOBER 30: PHILADELPHIA ASCET MEETING

OCTOBER 31: HALLOWEEN



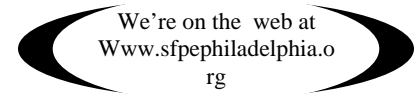


**Society of Fire
Protection
Engineers**

PHILA-DELAWARE VALLEY SFPE

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MISSION STATEMENT

The Philadelphia/Delaware Valley Chapter purpose is to advance the science and practice of fire protection engineering and its allied fields, to maintain a high ethical standard among its members and to foster fire protection engineering 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.

OFFICER NOMINATIONS

CHAPTER PRESIDENT: Jeff LaSalle, PE

1ST VICE PRESIDENT/PROGRAMMING: Steve Oliver, PE

2ND VICE PRESIDENT/ MEMBERSHIP: Jerry Forstater, PE

SECRETARY: Dyllon Slatcher

ASSISTANT SECRETARY: Jack Fairchild

TREASURER: John Spitz

DIRECTORS 6/16 to 6/18: Ben Young/Jay Stough

DIRECTORS 6/17 to 6/19: Kate Lawler/Frank Ellis