



Flashpoint

Phila - Delaware Valley SFPE



Chapter Meeting is October 13, 2015

Date: Tuesday October 13, 2015

Place: Jacobs Engineering Group Three Tower Bridge
Suite 3000 Conshohocken, PA

5:30 PM: Fellowship Time

6:00 PM: Dinner

Dinner Program:

"Flammable Liquid Exposure Fires and Emergency Planning - Local Case Studies" Presented by Greg Jakubowski

Greg is a well-known member of our Chapter. He is a partner in Fire Planning Associates, Inc. a company dedicated to assisting both public and private agencies with dealing with challenging fire protection and safety issues and specializing in preplanning buildings, complexes and transportation target hazards

Cost: \$25.00 for dinner & program

Reservations: By 12 noon, Friday, October 9th, 2015

Reserve with: Lou Annas by E-mail:

lannas@bearindustries.com

or Fax: (302) 368-9217 ♦

Chapter wins National Chapter Award

The SFPE International Chapter of Excellence awards have been announced and the Philadelphia-Delaware Valley Chapter is a winner again. The International Society has been giving out these awards since 2005 to recognize Chapters that demonstrated excellence in contributing to the needs of their members and the Society. There are 66 chapters worldwide and only 26 were recognized among them. We achieved the Bronze award this year. Since the inception of these awards, we have had 5 Gold, 3 Silver and 1 Bronze award. This is a sign of the dedication and work that your board of directors and past presidents have for this organization.

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Special points of interest:

- *The National Conference is being held in Philadelphia in November. Please check out the article on Page 3 and contact Mike Venneri if you are able to attend and help out.*



President's Spark by Bob Moser 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:

Jay Stough
Information for publication can be submitted to: **Jay Stough**

Email: jays@tilleyfire.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. For an Application of Membership contact: **Lou Annas**
lannas@bearindustries.com

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. ❖

During our meeting held on Monday September 14, 2015, the SFPE was proud to have Mr. Ralph DiPietro from the Philadelphia License and Inspection (L&I) give a formal presentation on permitting procedures. Ralph delivered a very captivating presentation as he explained the current permitting procedures as well as the expected future for the procedures and will be using like many, electronic means for handling permitting in the future. It was wonderful to see such an enthusiastic and dedicated public official such as Ralph. During this event there was 42 in attendance, also four new members who were voted in and accepted by the counsel. A big thanks to Lou Annas for taking in the new memberships. During this meeting the SFPE flag was proudly flown in the Jacobs conference room. Thank you Jim Davidson who had it cleaned put into its original state. During the meeting it was found out that our chapter won the Bronze award from National. Thank you Jay Stough, for continuing to keep up with the bookkeeping, you are most appreciated. As we get closer to our national SFPE conference in November, Mike Venneri has been organizing and arranging our upcoming event. The SFPE National Conference is quickly coming, with only two months to go! I am sure that Jeff LaSalle will have some wonderful presentations planned for us this year. This is a very exciting and fun opportunity for all and I look forward to seeing everyone in attendance!

Bob

Proliferation of Structural Fire Engineering Draws Closer

The application of structural fire engineering for building projects has merit and enormous potential, but remains relatively limited. This can be attributed to the fact that designers and building authorities generally lack comprehensive, industry-consensus guidance for practicing and evaluating structural fire engineering. However, this emerging field is fast approaching a "renaissance period" with recent and prospective releases of industry-consensus standards that help to consolidate the current knowledge database. These standards provide guidance on the evaluation of fuel loads, fire exposure, thermal response of structures, and structural system response to fire effects. Most recently, the SFPE has published a standard that governs the evaluation of thermal response of structures entitled *SFPE S.02 2015: Standard on Calculation Methods to Predict the Thermal Performance of Structural and Fire Resistive Assemblies*. This article discusses how the SFPE S.02 standard and other integral standards will serve to cultivate the proliferation of structural fire engineering in the building industry.

[READ MORE](#)



Help Needed for Conference

The International Conference and Expo is being held in Philadelphia next month and our Chapter is the “host” chapter. The executive board has been working hard to come up with an event to introduce the members of the conference to Philadelphia. We will be hosting a meet & greet at the Fireman’s Hall in Old Philadelphia on Wednesday evening from 6 PM to 9 PM. We will be offering a taste of Philly sampler of food along with beverages. We are expecting between 60 to 100 people to attend.

One of the areas we need help with is the convention itself. We have been asked to provide moderators that will introduce the speakers. You will be provided with talking points and bios on each presenter. We need to cover 12 sessions.

If you are able to help out with either event, please contact Mike Venneri at mvenneri@LaSalleEng.com or Jay Stough at jays@tilleyfire.com so a schedule can be put together.

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“If you want to be happy, put your effort in controlling the sail, not the wind.”

Author unknown

Yogi Berra has won the most World Series (10) as a player, but who's second?

See page 7 for answer.



"Our prime purpose in this life is to help others. And if you can't help them, at least don't hurt them."

Dalai Lama

Just a reminder that since the National Conference is in Philadelphia next month, there is no meeting in November.

Mid-Atlantic AFSA hosts Beef & Beer to Benefit the Burn Foundation

The AFSA Mid-Atlantic Chapter of the American Fire Sprinkler Association (AFSA) is gearing up for its annual fundraiser to benefit the Burn Foundation (www.burnfoundation.org). This year's event will be a beef and beer held at the Westover Country Club in East Norriton, PA on Friday, October 23, 2015 from 5:00 pm to 9:00 pm. The event is open to anyone 21 years and older.

This year we are selling seats at \$50 each in advance or \$60 at the door.

We are also offering the option to buy a table in advance for a discounted rate of 8 seats for \$350. With the option to "buy a table" you will also have the opportunity to have your reserved table marked with your company logo*

Contact Mike Leister at 215-490-4745 or webmastermike@afsamac.org to arrange your reservations. We can accept payments by check and credit card.

In addition to the event we have negotiated some rates with the golf club for anyone who would like to spend some time with their business partners and employees prior to the event. We have rates available for both Friday and Saturday (if you are staying in the area overnight). To schedule a tee time please contact the Westover Country Club at 610-539-4500 and let them know that you are with the AFSA Mid-Atlantic Chapter Fundraiser. Please note that collared shirts, pants or dress shorts are the required attire for the golf course. The Beef and Beer event attire is casual.

For more information, go to <http://afsamac.org/>.

Phase 2 Research Foundation project tests plan for ESFR sprinklers that are obstructed

Early suppression fast response (ESFR) sprinklers were developed to meet the demands of high challenge storage fire scenarios and are a common choice to protect warehouses. Many aspects of ESFR sprinklers are unique compared to standard spray sprinklers. Paramount to ESFR sprinkler performance is the ability of the sprinkler to provide large amounts of water, in a specific discharge pattern, to the fire source in the incipient phase of fire development. Obstruction of the sprinkler discharge pattern could greatly affect the ability of the ESFR sprinkler to achieve fire suppression.

Phase 1 of the [Fire Protection Research Foundation's](#) latest project was originally initiated to develop a tool that could be used to provide reliable analysis of the impact of obstructions on ESFR sprinkler performance. The tool and existing test data could also be used as a basis for the NFPA 13 Technical Committees to develop new requirements and guidance for ESFR sprinklers. This second phase implemented that test plan developed in the first phase. The testing in Phase 2 focused on open web bar joist obstructions and identified remaining knowledge gaps for future phases.

For more information, [CLICK HERE](#).

Future Cities Looking for Mentors

Greetings from Future City Philadelphia. The school year is off to a great start. To date 40 schools have signed up and have started designing their cities of the future. Here is the current list of schools that need mentors:

Beverly Hills Middle School	Upper Darby, PA
Eisenhower Leadership Academy	Norristown, PA
Grover Washington Jr. Middle School (Olney)	Philadelphia, PA
Keith Valley Middle School	Horsham, PA
Sanford School	Wilmington, DE
Serviam Girls Academy	New Castle, DE
Seven Generations Charter School	Emmaus, PA
St. Aloysius Academy	Bryn Mawr, PA
St. Elizabeth Parish School	Uwchlan, PA
Upland Country Day School	Kennett Square, PA

Our greatest need at this stage of the competition is for mentors. Remember back to when you were in school – imagine how much having a mentor with real world experience would have helped you design that big project. This is what you can provide to these teams. Just 1 or 2 hours a week can make a big difference in how students approach their project and how they start to address it. Please let me know if you are interested in working with any of the schools above and I will get you in touch with the team's teacher. If you'd like to be a mentor but don't see a school in your area, send me an e-mail and I'll keep you posted as schools register.

Please visit our website at www.futurecityphilly.org and "Click here to sign up as a Volunteer" on the top left of the page. There you can register to be a mentor, judge, or general volunteer.

Engineer of the Year

On behalf of the engineering and technical societies of the Delaware Valley, the Engineers' Club of Philadelphia is soliciting nominations for [Delaware Valley Engineer of the Year](#). If you have an individual that you feel is worthy of such recognition, nominate him/her for the 2016 Delaware Valley Engineer of the Year. **All candidates must be nominated by an engineering technical society. Societies may team up with other societies in preparing a nomination.** All Delaware Valley engineering-related technical societies are invited to send delegates to the election. Nominations are due **October 9**.

The last day for the discounted rate at the SFPE Conference and Expo in Philadelphia is Friday October 2, 2015.

To make your reservations, go to <http://www.sfpe.org/event/SFPE2015>



Society of Fire Protection Engineers

Philadelphia – Delaware Valley Chapter

2015-2016 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:

<input type="checkbox"/> Program	<input type="checkbox"/> Membership	<input type="checkbox"/> Coop. with other Societies	
<input type="checkbox"/> Scholarship	<input type="checkbox"/> Education	<input type="checkbox"/> Awards	<input type="checkbox"/> Historian
<input type="checkbox"/> Liaison with Fire Service	<input type="checkbox"/> Constitution & By Laws		
<input type="checkbox"/> Nominations	<input type="checkbox"/> Newsletter/Publicity	<input type="checkbox"/> Finance & Budget	

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

Annual Dues: \$30.00 \$25.00, if paid by October 13, 2015
(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

OCTOBER 2015

Sun Mon Tue Wed Thu Fri Sat

1 2 3

4 5 6 7 ASCET SJ chapter Mtg 8 9 10

11 12 13 SFPE Meeting 14 15 16 17

18 19 20 ASCET Berks chapter 21 ASCET Delaware chapter 22 23 AFSA Beef & Beer 24

25 26 27 ASCET Phila chapter 28 29 30 31

Events of the Month

- October 7: NJ ASCET Meeting @ the Collins House in Collingswood, NJ
- October 13: SFPE meeting @ Jacobs Engineering. Don't forget to make your reservation by **Friday October 9th**
- October 20: Berks County ASCET Chapter Meeting @ Valentino's in Kutztown 6PM
- October 21: Delaware ASCET Chapter Meeting @ Charcoal Pit on Kirkwood Highway in Wilmington
- October 21: Mid-Atlantic AFSA Beef & Beer benefit for the Burn Foundation in Norristown
- October 27: Phila. ASCET Chapter Meeting @ Michael's Dinner in Bensalem

Trivia Answer:
Joe DiMaggio
(9)



Phila-Delaware Valley
SFPE

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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.

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