

## Learn about the Updates to NIST

**Date:** Tuesday October 8, 2013

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

See Page 6 for directions

**5:30 PM: Fellowship Time**

**6:30 PM: Dinner**

### Dinner Program:

Bob Moser will introduce us to the improvements in the NIST FDS model and outline all the changes in the Beta 6 version of the program including Hydrodynamics and Turbulence, Species and Combustion, Lagrangian Particles, Solid Phase Heat Transfer and Pyrolysis, HVAC, Radiation, Multi-mesh Computations, Devices and Output. He will also detail

FDS+Evac. This is the evacuation simulation module for Fire Dynamics Simulator (FDS). The software is used to simulate the movement of people in evacuation situations. The evacuation simulations can be fully coupled with the fire simulations. So if you have questions on the changes, Bob is here to answer them.

**Cost:** \$25.00 for dinner & program

**Reservations:** By 12 noon, Friday, October 4th, 2013

### Reserve with:

**Jeff LaSalle by E-mail:**

**[jlasalle@lasalleeng.com](mailto:jlasalle@lasalleeng.com)**

**or Fax: (215) 658-1772**

### Special points of interest:

- Annual chapter dues are due by October 8th to get the discount. Use the notice on page 4 to bring to the meeting or mail to John Spitz.
- Check out the issue with Honeywell pull stations on page 3

## Future Cities needs Help!

The school year is off to a great start. To date 30 schools have signed up and have started designing their cities of the future. Here is the current list of schools that need mentors:

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Francis Raub Middle School	Allentown, PA
Kutztown Middle School	Kutztown, PA
MaST Community Charter School	Philadelphia, PA (Somerton)
Peirce Middle School	West Chester, PA
St. Ephrem School	Bensalem, PA
St. Martin Porres Middle School	Philadelphia (N. Phila West)

The 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 Jennifer know if you are interested in working with any of the schools above and she 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 Jennifer an e-mail at [volunteer2014@futurecityphilly.org](mailto:volunteer2014@futurecityphilly.org) and she will keep you posted as schools register. Please visit their website at [www.futurecityphilly.org](http://www.futurecityphilly.org) and click on On-Line Volunteer Form.



**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](mailto: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: **Jeff LaSalle**  
 Email: [jlalle@lasalleeng.com](mailto:jlalle@lasalleeng.com)

Visit our web site at:  
[www.sfpephiladelphia.org](http://www.sfpephiladelphia.org)

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

## President's Spark by Mike Venneri PE

A hearty thanks to Charlie Honorowski for his presentation on Performance Based Design for Fire Protection and other types of Systems. I have known Charlie for a long time and he thrives on a challenge to validate a condition or situation that does not fit into the conventional "box" of tricks. We were delighted to welcome a number of new members to the Chapter. Kudos go out to Jeff LaSalle for his hard work and diligence in this regard. The more members we get, the more diversified we become and that is a good thing. We will continue to present programs that are informative and educational. I am hoping we will all learn something every single meeting. As discussed in the meeting, if any member has recommendations for the April Event or comments in general please do not hesitate to share them with us. Look forward to seeing you at the next meeting.

*Mike Venneri*

## From the Membership Chairman

At the September meeting, we welcomed the following new members into the Chapter:

*John Manning* and *Modes Guadalupe*, with Oliver Fire Protection

*Tim Swaim*, with LaSalle Engineering

*Kyle Smith*, *Dan Carson*, *Bill Flanagan*, and *Charlie Honorowski*, with Jacobs

*Allison Tierney* and *Dan Broughton*, with Professional Systems Engineering

Congratulations and welcome. For these new members, and for all current members, we encourage and look forward to your active involvement with the Philadelphia-Delaware Valley Chapter. The Chapter will continue to thrive with new ideas and new enthusiasm for our profession.

One way to become involved that would be a significant benefit to the Chapter is to join a committee. A complete list of committees is available on our website. At the current time much of the work of these committees is currently handled by a single individual. More hands would ease the burden on these individuals and would allow us to accomplish much more than we currently do. Please take some time to review the list and find an area of personal interest. Everyone will benefit.

If you have any membership or committee-related questions or comments, please feel free to email me at [jlalle@LaSalleEng.com](mailto:jlalle@LaSalleEng.com).

Jeff LaSalle

*"There are only two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle."*  
 — Albert Einstein

## News from Philadelphia Engineers Club

Well, Labor Day is behind us and the day's are getting shorter. And we all know what that means...Holiday Time is near! Ok, so "near" is relative and we skipped a few holidays in there, but good things take time and planning. The Engineers' Club along with an ever growing cadre of Delaware Valley technical societies have been working diligently to put together the 2013 Annual Multi-Society Meeting. This year's meeting will be on **December 9, 2013** at the **Double-Tree by Hilton** at Broad and Locust Streets, Philadelphia. The topic for the evening will be the **US Open at Merion**, with a discussion of the myriad of issues (logistics, traffic, communications, power, etc) involved in holding a major golf tournament over one week's time at an older, smaller course surrounded by a residential area with limited roadway access. Click here for a [save the date flyer](#).

## Domino's Pizza partners with NFPA for Fire Prevention Week 2013

In addition to sending fire safety messages on top of pizza boxes throughout October, participating Domino's stores will partner with their local fire departments to reward customers who have working smoke alarms. The fire department will deliver select orders from the store aboard a fire truck, checking the smoke alarms at the home. If the smoke alarms are working, the pizza is free!



For more information and instructions on how to execute the program in your town, [download the step-by-step toolkit](#) (PDF, 743 KB). Domino's PR Team will handle media outreach to fire stations that are fully coordinated with their local store and request assistance by Sept. 13, 2013, so don't wait!

Please note that each Domino's Pizza store is independently owned and operated. Domino's Pizza Public Relations Team is happy to reach out to your local franchise owner on your behalf, but please be aware that program participation is up to the discretion of the store owner.

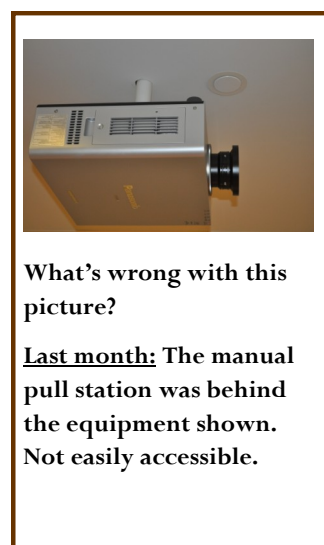
"Reproduced from NFPA's Fire Prevention Week website, [www.firepreventionweek.org](http://www.firepreventionweek.org). ©2013 NFPA."

## Honeywell Fire Systems Issue

Honeywell Fire Systems would like to make you aware of a potential issue that could affect normal operation of BG-10 Series fire alarm pull stations manufactured from 1992 through 2010. The large majority of these pull stations were manufactured more than a decade ago and distributed under multiple brand names.

The Website, [www.PullStationSafety.com](http://www.PullStationSafety.com), has been created to provide more information on these pull stations, including how to identify BG-10 Series models, pull station pictures, and guidance on the repair and replacement of these devices. We strongly encourage facility owners and fire alarm service providers to visit this site to ensure you can accurately identify any potentially affected BG-10 Series pull stations within the facilities you own or serve.

Click here to visit [www.PullStationSafety.com](http://www.PullStationSafety.com)



**What's wrong with this picture?**

**Last month:** The manual pull station was behind the equipment shown. Not easily accessible.

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Society of Fire Protection Engineers  
Philadelphia – Delaware Valley Chapter  
**2013-2014 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.

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: \$30.00 \$25.00, if paid by October 8, 2013

**(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](mailto:jspitz@oliversprinkler.com)**

# October 2013

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2 ASCET SJ chapter Mtg	3	4	5
6	7	8 SFPE Busi- ness mtg	9	10	11	12
13	14	15 ASCET Berks chapter	16	17	18	19
20	21	22	23 ASCET Delaware chapter	24	25	26
27	28	29 ASCET Phila chapter	30	31		

## Calendar Events

- Oct. 2: NJ ASCET Meeting @ the Collins House in Collingswood, NJ
- Oct. 8: SFPE meeting @ Jacobs Engineering. Don't forget to make your reservation by Friday Sept. 7th.
- Oct. 15: Berks County ASCET Chapter Meeting @ Valentino's in Kutztown 6PM
- Oct. 23: Delaware ASCET Chapter Meeting @ Charcoal Pit on Kirkwood Highway in Wilmington
- Oct. 29: Phila. ASCET Chapter Meeting @ Michael's Dinner in Bensalem

209 Mechanic St.  
Doylestown, PA 18901

Phone: 215-345-8066 X 22

Fax: 215-345-9357

E-mail: [jays@tilleyfire.com](mailto:jays@tilleyfire.com)



## 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

## Direction To Jacobs Engineering

### From Central Philadelphia:

Follow the Schuylkill Expressway (I-76) west to Exit 29 (Conshohocken). Stay in the center lane. At the traffic light, go straight and cross the Fayette Street Bridge. **At the next traffic light, turn right onto Elm Street. Go two blocks and turn right onto Ash Street. Three Tower Bridge is 1/8 mile on your right at the end of the street.**

### From Philadelphia International Airport and points south:

North on I-95 to Exit 7. Follow I-476 North (toward Plymouth Meeting) to Exit 16. Follow signs for Route 23 Conshohocken. At the traffic light at the end of the off-ramp, turn right. Continue down road merging into the center lane. At the traffic light, go straight and cross the Fayette Street Bridge. Continue from bold text above.

### From Allentown and points north:

Take the Northeast Extension of the PA Turnpike south to Exit 25A (Mid-County Interchange). Follow signs to I-476 South. Continue to Exit 16 (Valley Forge). On the off-ramp, follow signs to Route 23 Conshohocken. At the traffic light at the end of the off-ramp, turn right. Continue down road merging into the center lane. At the traffic light, go straight and cross the Fayette Street Bridge. Continue from bold text above.

### From New York and Northern New Jersey:

Take the New Jersey Turnpike south to exit 6 (PA Turnpike). Take PA Turnpike west to exit 25A (Mid-County Interchange). Follow signs to I-476 South. Continue to Exit 16 (Valley Forge). On the off-ramp, follow signs to Route 23 Conshohocken. At the traffic light at the end of the off-ramp, turn right. Continue down road merging into the center lane. Continue from bold text above.

### From points west:

On the PA Turnpike, Take exit 24 (King of Prussia). Follow signs for I-76 east (toward Philadelphia). Take exit 28B (Plymouth Meeting). Follow signs for Route 23 Conshohocken. Continue from bold text above.

### Jacobs Engineering Group, Inc.

**Three Tower Bridge, Two Ash Street – Suite 3000**

**Conshohocken, PA 19482-2074**