October Meeting Notice

Date: Tuesday Oct 9, 2012
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:

Our own Bob Moser of Jacobs Engineering will be giving an update on fire modeling using CFD, Computational Fluid Dynamics. The fire model FDS (Fire Dynamics Simulator) version 5 by NIST is a very complex model. As with any complex model, it too is susceptible to incorrect programming. But there are ways to assure that the output is 100% correct. This presentation will discuss how to assure that the output is of high integrity. Real examples will be displayed and discussed. Come and see how to use this modeling. Oh, and bring a colleague.

Cost: $25.00 for dinner & program
Reservations: By 12 noon, Friday, October 5th, 2012
Reserve with: Bob Moser of Jacobs Engineering by E-mail: Bob.Moser@jacobs.com or Fax: (610) 238-1100

New President of IFMA

On June 10, 2012 at the annual meeting of the National Fire Protection Association, R.T. (Whitey) Leicht was named President of the International Fire Marshals Association (IFMA). Whitey has been a member of NFPA since 1973 and has served on the IFMA Board of Directors since 1998.

Whitey is the Chief Fire Protection Specialist at the Delaware State Fire Marshal's Office, where he has served as the Chief of the Technical Services Division. Whitey is a long time member of SFPE and has made presentations for us.

Congratulations Whitey!
I would like to thank Randy Edwards of Marioff for his very informative program on Hi-FOG Water Mist Fire Protection Systems, another tool to provide protection for buildings, dwellings, museums and other areas where water damage from a sprinkler systems discharge is a serious concern. Looks like a product that we will be seeing a lot more of in the future as a means of protecting museums, historic buildings, record storage, data storage and MRI areas.

October’s meeting is at Jacobs with the presentation about “Fire Modeling using Computational Fluid Dynamics (CFD) and how to assure high integrity output” by Jacobs’ Mr. Robert Moser who is also our chapter’s 2nd Vice President. Mark October 9th on your calendar, Outlook, iPad, etc., and do not miss this one!

We are planning our November SFPE meeting to be a joint meeting with ASCET. Do not forget to mark this on your calendar/planner for November 13, 2012.

October is here, that means Fire Prevention Week, Oct 7th to Oct 13th so get out to your neighborhood fire house and lend a hand promoting Fire Prevention. “Have 2 Ways Out” is the theme for this year; the campaign is designed to focus on how to protect your family from fire by pre-planning and integrating simple things into your everyday life.

Fire Prevention Week commemorates the Great Chicago Fire, October 8 & 9, 1871, which killed more than 250 people, left 100,000 homeless, destroyed more than 17,400 structures and burned more than 2,000 acres. However the Chicago fire was not the largest fire that occurred that day; that honor belongs to the Peshtigo Fire. The Peshtigo Fire occurred in in Northeast Wisconsin, burned through 16 towns, killed 1,152 people and burned 1.2 million acres.

Bob Foraker in his October 2007 Spark challenged us to help make a difference during the month of October by doing three things. These three things are still very applicable in October 2012 and are being repeated again in this October issue of Flashpoint:

1. Start at home with your family and neighbors. Check your own smoke detectors for proper operation. Practice your escape plan with your family, and if you don’t have a plan, now is a good time to create one.

2. Help spread the fire protection and prevention message to others. Offer to talk to a class at your local school, a community or civic meeting, etc.

3. Become involved in the legislative process. One area of interest is the Fire Sprinkler Incentive Act currently in Congress awaiting action. Review this pending legislation, and communicate with your Senators and Representatives about the bills. Additional information can be found at: http://www.nfisa.org/fsia/fsiahome.html

Have a fire safe October!

Jim

The fire which warms us at a distance will burn us when near.
- Unknown
Counterfeit marks on Sprinkler Hangers

UL and ULC are notifying distributors, contractors, fire departments, regulatory agencies, and authorities having jurisdiction that the Fire Sprinkler Pipe Hanger identified below bears a counterfeit UL and ULC Certification Mark. The Fire Sprinkler Pipe Hanger has not been evaluated by UL or ULC to the appropriate Standards for Safety and it is unknown if the Fire Sprinkler complies with any safety requirements.

Name of Product: ¾” AU-100

Identification:
On the product:
The product bears counterfeit UL and ULC Mark and the following information:
¾” (AU) in a circle followed by -100.

Fire Protection Research Foundation Symposium

November 7—8, 2012

The Fire Protection Research Foundation, in collaboration with Chicago and Illinois Chapters of the American Institute of Architects, the Chicago Highrise Committee, the Society of Fire Protection Engineers and the Council on Tall Buildings and Urban Habitat presents this symposium at the Courtyard Marriott Chicago Downtown/Magnificent Mile. This symposium will feature perspectives from architects, engineers, the sustainability community, and research institutions on the challenges and opportunities of integrating fire safety and sustainable design. The goal of this event is to bring the fire protection and architectural communities together to discuss these topics and share ideas and best practices for sustainable fire safe design. For more information, visit the conference website.

November 7—8, 2012

November 7—8, 2012

November 7—8, 2012

In 1932, the new Philadelphia Savings Fund Society Building (PSFS building) became only the second skyscraper in the United States to be completely air-conditioned, a major luxury at the time.

FUTURE CITIES OFF TO GREAT START

The school year is off to a great start. So far teams from 38 area schools have signed up and have started designing their cities of the future. 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 a few hours a month 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, check the website. But if you don’t see a school in your area, send an email to Jennifer Wetzel.

Please check the website at www.futurecityphilly.org and click on On-Line Volunteer Form.

Sign up now and put Saturday, January 26, 2013 on your calendar!
Imagine what a firefighter who needs to use this standpipe hose station outlet to control a fire would think about the local agency’s inspection and code enforcement program. While it’s impossible to determine from the photograph how long it’s been since this Class I standpipe system was serviced, it is evident from the condition of the valve stem—and lack of a hand wheel—that this equipment is impaired and could not be used in an emergency.

The model fire codes require periodic inspection, testing, and maintenance to enhance the reliability and utility of fire protection systems. (See Coffee Break Training 2012-17 for a definition of these terms.) Without regular care, these systems can become inoperable, putting lives and property at risk. The codes refer users to National Fire Protection Association (NFPA) 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, for service schedules.

Class I standpipe systems—intended for fire department use—must be inspected at least once a year. (See Coffee Break Training 2006-41 for an explanation of standpipe system classes.) This is the property owner’s responsibility and is often contracted to a company or individual that specializes in fire protection systems and equipment. At a minimum, the inspector is required to inspect—and replace or repair—missing caps, valve handles, and gaskets. As part of its annual maintenance, the hose station valve should be exercised and lubricated or repaired if it does not operate smoothly. Any obstructions must be removed.

Every 5 years, the standpipe system must be subjected to performance tests that include a flow test to verify that the water supply still provides the design pressure at the required flow. Manual standpipe systems and semiautomatic dry standpipe systems (Coffee Break Training 2006-42) must be subjected to hydrostatic tests of not less than 200 pounds per square inch (psi) (13.8 bar) pressure for 2 hours or at 50 psi (3.4 bar) in excess of the maximum pressure, where maximum operating pressure is in excess of 150 psi (10.3 bar).

For additional information, refer to NFPA 25, Chapters 6 and 13.

From the FEMA website. For more information go to Coffeebreaks.
### October 2012

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- Oct 3: NJ ASCET Meeting @ the Collins House in Collingswood, NJ
- Oct 9: SFPE meeting @ Jacobs Engineering. Don’t forget to make your reservation by Friday Sept. 7th.
- Oct 16: Berks County ASCET Chapter Meeting @ Valentino’s in Kutztown 6PM
- Oct 17: Delaware ASCET Chapter Meeting @ Charcoal Pit on Kirkwood Highway in Wilmington
- Oct 21: Fireman’s Hall Muster @ Philadelphia Fire Academy
- Oct 30: Phila. ASCET Chapter Meeting @ Michael’s Dinner in Bensalem
Society of Fire Protection Engineers
Philadelphia – Delaware Valley Chapter
2012-2013 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: $20.00 $15.00, if paid by October 9, 2012
(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
Phila-Delaware Valley SFPE

209 Mechanic St.
Doylestown, PA 18901
Phone: 215-345-8066 X 22
Fax: 215-345-9357
E-mail: 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 with an active program of education and scholarship activities.

Directions 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 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 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 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 points west:

Jacobs Engineering Group, Inc.
Three Tower Bridge, Two Ash Street – Suite 3000
Conshohocken, PA 19428-2074