



FIRE BUCKET



December 2013

A publication of the Central Ohio Chapter of the Society of Fire Protection Engineers

SFPECOC.Webs.com

Next Meeting

Date: January 8, 2014

Speaker: State Fire Marshal
Larry Flowers and Chief of
Code Enforcement Brian
Whitten.



Topic: State Fire Marshal's Office and the New
Chief of Code Enforcement.

We are proud to present State Fire Marshal
Larry Flowers as our guest speaker and he will
introduce Chief Brian Whitten who is the new
Chief of Code Enforcement. (Denny McCann's
successor).

Location: The Fawcett Center
2400 Olentangy River Road
Columbus, Ohio 43210

Registration: 11:15 AM Lunch: 11:30 AM

Cost: Members \$20.00, Non-members \$25.00.

Please make your reservations for this meeting
with Ryan Oyster

Phone: 614 602 0474

E-Mail: royster@simplexgrinnell.com

Future Meetings

March 12th, 2014

May 14th, 2014

Presidents Column

Dave is taking a well deserved vacation. Look
for the Presidents column in the February 2014
Fire Bucket.

Fawcett Center Parking

The parking arrangement at the Fawcett Center
has changed. Ohio State no longer manages
the parking. The new parking company
requires that all vehicles have a parking permit.

The good news is that
parking is still free!

Once you have
registered for a meeting,
Ryan will forward a
parking permit for that
day. If you forget, there will be extras available
at the Fawcett Center.



As a reminder, it is important that we provide
the Fawcett Center with an accurate number of
reservations. We can generally work with last
minute reservations or cancellations, but please
let us know.

Burn Center Donation

The SFPE Board of Directors has voted to donate **\$24,000** to the OSU Burn Center. Details on the check presentation will be available soon.

Thanks you to everyone who participated or volunteered in this great event.



SFPE Introduces its Members Only Innovations Webinar Series

Starting in January 2014, SFPE is offering our new Innovations Series with CEU credits, providing an exclusive series of online technical sessions focused on helping SFPE members strengthen their professional skills and stay on top of industry trends. Presenters will lead the webinars, highlighting top technical content that is essential for keeping your skills current. Moreover, each webinar will earn you .1 CEUs. Taking all in the series earns you 1.2 in 12 months.

MARK YOUR CALENDARS FOR THE FIRST 6 INNOVATIONS SESSIONS!

January 23rd, 2014 11am – 12pm EST
Fire Safety for Very Tall Buildings
 with Morgan Hurley, P.E., FSFPE, Technical Director, SFPE

February 18th, 2014 11am – 12pm EST
Evolution of the Residential Fire Environment,
 with Stephen Kerber, P.E., Director, UL Firefighter Safety Research

March 18th, 2014 11am – 12pm EST
Fire Safety Engineering In Europe – Opportunities And Challenges

with Michael Stromgren, Fire Safety Engineer, SP Technical Research Institute of Sweden

April 21st, 2014 11am – 12pm EST
Voice Intelligibility with Jack Poole, P.E., FSPFE, Principal, Poole Fire Protection

May 20th, 2014 5pm– 6pm EST
Tunnel Fire Safety– Performance Based Design with David Barber, Principal, Arup

June 17th, 2014 11am – 12pm EST
The Role of Fire Protection Engineering in Sustainable Design with Raymond A. Grill, P.E., FSFPE, Principal, Arup

HOW TO REGISTER: Registration opens two weeks prior to each session so look for an email then to sign up. If you have any questions, please contact Sean Kelleher at skelleher@sfpe.org. We look forward to your participation!

NFPA recommends removing holiday decorations promptly to reduce fire risks

Some people choose to keep Christmas trees up for a few weeks after the holiday. But did you know that nearly 40 percent of homes fires that began with Christmas trees occurred in January?



"The longer Christmas trees are in the home, the more dangerous they become," says Lorraine Carli, vice president of Outreach and Advocacy for NFPA. "The continued use of seasonal lighting and dried-out trees can pose significant fire hazards in and outside the home. Proper disposal of the tree from your home will minimize the risk and will keep the holiday a joyful one."

Although these tree fires are not common, when they do occur, they are more likely to be fatal. On average, one of every 40 reported

home structure Christmas tree fires resulted in a death compared to an average of one death per 142 total reported home structure fires.

State Fire Marshal Announces New Chief of Code Enforcement Bureau

From The Ohio Fire Chiefs' Association website

The Division of State Fire Marshal is pleased to announce the hiring of Brian Whitten as the new Chief of the Code Enforcement Bureau. Brian comes to us from the Ohio Department of Health where he was a Safety and Health Consultant. With over 17 years of professional and technical leadership experience, Brian is an expert in the field of structural life safety enforcement. He brings experience in designing, evaluating, implementing and monitoring an effective Life Safety Code for licensed health care facilities throughout the state.

In addition to his career in code enforcement, Brian is a Sergeant First Class in the United States Army National Guard. He served with distinction in Iraq, and was charged with ensuring the safety, security and health of military personnel. Prior to his time with the Department of Health, he was a Captain and EMT for Morrow County Medical Services and a Safety and Health Coordinator with the Ohio Department of Rehabilitation and Corrections.

The new Code Enforcement Bureau Chief begins his new role on November 18, 2013.

SFPE Mentor Program

The Society of Fire Protection Engineers' Alliance of Young Engineers (AYE) is pleased to announce that they are now accepting a second round of applications for the SFPE Mentoring Program. The Mentoring Program was launched in the spring of 2013 and since then the AYE has been able to match more than 65 SFPE members. The goal of this program is to give young engineers a one-on-

one relationship with another member of the SFPE community who can offer some insight and guidance. Mentors and mentees are matched based on experience level, geographic location, and each other's goals for the program. The subjects discussed are up to the match, but can range from technical subjects to overall career advice. This program is a great opportunity to give back to the industry. AYE is currently accepting applications for both mentors and mentees. Click here or visit our webpage to download an application.

The SFPE Alliance of Young Engineers was established to provide fire protection engineers under the age of 35 a forum to seek information, share experiences, and further their professional development. AYE is open to young engineers throughout the world who are in the early stages of their career or considering a career in fire protection engineering. Even in its early stages, AYE consists of members working in various types of positions within the industry, located throughout the country. As the organization grows, this reach will extend, offering members additional resources.

Visit <http://www.SFPE.org/AYE> or contact Sean Kelleher at skelleher@sfpe.org for more information.

SFPE's Journal

After 23 years of the publication, October marks the last issue of the Journal of Fire Protection Engineering. Beginning in January, Fire Technology will become the official SFPE journal. All members will receive free, online access. Print subscriptions are available at a deeply discounted rate by mailing customerservice@springer.com.

Online access to issues of Fire Technology, and prior issues of the Journal of Fire Protection Engineering, are available by logging-in to SFPE's members only section at www.sfpe.org (*upper right corner*).

Fire Protection Engineering PE Exam Review Class

Prepare for the 2014 Fire Protection Engineering P.E. Exam from wherever you can access the Internet. This effective, on-line review class will help you organize and navigate through the massive amount of reference material.

Each session is taught live by an expert instructor using the advanced web conferencing technology. You will work with a live instructor over several weeks and can ask questions as they arise throughout the review period. Revised to meet the current NCEES exam specifications, this course is an excellent exam preparation tool. The 14 live 1.5 hour sessions allow for maximum retention.

Who should attend? Anyone preparing for the P.E. Exam! Even if you are not taking the exam this year but want to assess your readiness for a future exam, this course is for you. The course is also an excellent refresher for existing engineers, fire marshals, loss control specialists, and anyone else who needs to understand the principles of fire protection engineering.

For more information click here: [2014 Fire Protection Engineering P.E. Exam](#)

NFPA 72 - FREE WEBINAR

Presented by SimplexGrinnell

NFPA 72: National Fire Alarm and Signaling Code plays a critical role in meeting society's changing demands related to fire detection, signaling and emergency communications. The 2013 edition of NFPA 72 includes changes and revisions that reflect the latest industry developments and technological advances related to installation, testing and



maintenance. This webinar will provide an overview of the major changes in the 2013 edition of this important document.

Friday, January 17, 2014
Noon - 1:30 p.m. (Eastern Standard Time)
Q & A: 1:30 p.m. - 2:00 p.m.

For Information Click: [NFPA 72: National Fire Alarm and Signaling Code: Major Changes in the 2013 Edition](#)

Join the National Society of Fire Protection Engineers

The Society of Fire Protection Engineers (SFPE) is the professional organization that represents fire protection engineers worldwide. Through its membership of over 5,000 professionals and 63 chapters, SFPE advances the science and practice of fire protection engineering internationally.



SOCIETY OF FIRE PROTECTION ENGINEERS

For more information, visit
<http://www.sfpe.org/GetInvolved/Membership/Join.aspx>.

Angie's List founder promotes home fire sprinklers

Angie Hicks, founder of [Angie's List](#), a resource for local consumer reviews on everything from home repair to health care, has written an article titled "Living Smart: Home fire sprinkler systems."



"If you really want to keep your home and the people and property in it as safe as possible from fire, consider a residential sprinkler system," says Ms. Hicks.

She cites home fire death statistics from the [U.S. Fire Administration](#), [the cost of home fire sprinklers](#) from the National Fire Protection Research

Foundation's study and she dispels some of the [usual myths](#) in the article.

In 2012, a fire department responded to a fire every 23 seconds. One structure fire was reported every 66 seconds.

- One home structure fire was reported every 85 seconds.
- One civilian fire injury was reported every 32 minutes.
- One civilian fire death occurred every 3 hours and 4 minutes.

[Home structure fires](#) caused 83% of the civilian fire deaths and 78% of the civilian fire injuries.

Sprinklers [save lives and property from fire](#). Compared to properties without automatic extinguishing equipment and specifying wet-pipe sprinklers

- The death rate per fire in sprinklered homes is lower by 82%.
- Direct property damage per fire in sprinklered homes is lower by 68%.

Previously, home remodeling guru [Bob Vila](#) also weighed in with his own recommendations on residential fire sprinkler systems.

This most recent, well balanced article from such a high-profile person as Angie Hicks is certain to make an impact on consumers and others who read it. Way to go Angie!



[Subscribe for free today](#)

[NFPA holds webinar on antifreeze in fire sprinkler systems](#)

Recently, NFPA invited state fire marshals to participate in a webinar that explored the history of [antifreeze in fire sprinkler systems](#), safety alerts, final disposition by the standards council and the requirements found in the 2013 editions of [NFPA 13](#), [NFPA 13D](#) and [NFPA13R](#) standards.

[Matt Klaus](#), Senior Fire Protection Engineer at NFPA, answered questions from state fire marshals regarding the TIAs and new requirements mandating the use of listed antifreeze solution for all new NFPA 13, NFPA 13R, or 13D sprinkler systems. He says these documents no longer allow the use of "traditional" antifreeze solutions such as propylene glycol or glycerin.

It is assumed that all fire sprinkler systems installed after September 30, 2012 meet the minimum requirements found in the standards.

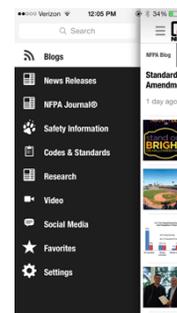
[Learn more](#) about the use of antifreeze in sprinkler systems.

[Click here](#) to hear Matt Klaus explain the new rules concerning antifreeze systems.



[NFPA Mobile App](#)

The National Fire Protection Association (NFPA) is pleased to announce the release of its new mobile application "NFPA News" for use with the iPhone, iPad, iPod touch and Android operating systems. The free app, now available for download on iTunes and Google Play, provides the latest happenings in the fire, electrical and life safety industry and allows users to access resources related to breaking news, code development updates, public safety information, social media updates, and multimedia in one easy-to-use to package.



“We created this app as a way to provide useful information and updates that will contribute to fire safety at every level,” said Lorraine Carli, NFPA vice president of Outreach and Advocacy. “The NFPA News mobile app is a great source for safety information and serves as a quick reference guide for anyone dealing with fire, electrical and life safety codes and standards.”

Unlike similar apps, the free NFPA News mobile app provides instantly updated news releases, fire prevention research, blogs, videos, social media posts, and links to journal articles at your fingertips.

Web Links

SFPE Central Ohio Chapter
www.sfpecoc.webs.com

Society of Fire Protection Engineers
(National) www.sfpe.org

American Fire Sprinkler Association
www.firesprinkler.org

ICC Website
www.iccsafe.org

National Fire Sprinkler Association
www.nfsa.org

N.I.C.E.T.
www.nicet.org

Ohio State Fire Marshal
www.com.state.oh.us/sfm

OSU Fire Safety Website
www.firesafety.osu.edu

Underwriters Laboratories
www.UL.com

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*The FIRE BUCKET is published as a forum for its members.
Opinions expressed herein do not necessarily reflect those of the
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its Editor.*



Society of Fire Protection Engineers Central Ohio Chapter

APPLICATION FOR MEMBERSHIP IN THE CENTRAL OHIO CHAPTER OF SFPE

NEW

RENEWAL

NAME _____

COMPANY _____

ADDRESS _____

PHONE NUMBER _____

E-MAIL ADDRESS _____

NOTE: We will be sending out all Chapter information via e-mail.

ARE YOU A NATIONAL MEMBER IN SFPE? YES NO

Annual dues for the Central Ohio Chapter of SFPE are \$20 and \$10 for Retirees. You can pay a single/one time fee and receive ALL five of the regular scheduled chapter meetings and your local membership dues all for ONLY \$98.00. This is a savings for the year of \$22.00. You must pay the full \$98.00 with this membership application or renewal to take advantage of this new program. Membership in the Chapter includes the member fee for meetings, and a subscription to *The Fire Bucket*, our Chapter's Newsletter.

Applications can be submitted at the next meeting or mailed to:
John C. Falk, Sr.
Central Ohio Chapter SFPE
5700 Cali Glen Lane
Westerville, OHIO 43082
E-mail: Jcf_sr@yahoo.com

Please make check payable to *Central Ohio Chapter, SFPE*. Credit cards can also be accepted. Please complete an application every year, so we can keep our database current. Dues run from September 1st to August 31st of the fiscal year.