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<http://www.cascadesfpe.org>

Chapter Officers

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**Get Connected
Get Involved
It's Your Chapter!**

Please be sure to set a recurring meeting on your calendar for the 2nd Thursday of the month!

Meeting Announcement

Topic: Preventing Cascading Lithium-Ion Thermal Runaway
Lithium-ion batteries are in widespread use worldwide in a vast array of electronic and electric devices ranging from hybrid and electric vehicles to power tools, portable computers and mobile devices. While generally safe and reliable energy storage devices, lithium-ion batteries are subject to a catastrophic failure known as thermal runaway under certain conditions. By immersing a lithium-ion cell undergoing thermal runaway in a dielectric fluid, the surrounding cells can be protected and damage to the battery pack minimized.

David Olds AIA, LEED AP BD+C,
Beginning his career in construction in the 1980's, David acted as signature or project architect for over 40 buildings including specialties in public safety, 911 facilities and data centers. In 2008, he became vice president of a leading Midwest design firm concentrating on critical facilities for public buildings. David joined 3M in 2011 to provide guidance and education for fire suppression and extinguishing systems for critical facilities. Since that time he has developed and presented education seminars for the engineering and architect design community. The seminars have been presented at many SFPE, ASPE, AFCOM and other continuing education meetings across the US. He brings experience and perspective to this month's meeting the discussion of fire protection solutions.

This month's SFPE luncheon is Thursday, February 8th, at the Lake Oswego Fire Department. The lunch starts at 11:30 and the presentation is from 12:00 to 1:00 PM. If you would like to RSVP, please email to events@cascadesfpe.org by Monday the 5th and we will be sure to save a seat. The lunch is \$25 for non-members and \$20 for members.

If you know someone who would be interested, please feel free to forward the information as all are welcome.

Meeting Location:

Lake Oswego Fire Department
300 B Ave, Lake Oswego, OR 97034



Branchlines is the official newsletter of the Cascade Chapter of the Society of Fire Protection Engineers and is published to provide information about Chapter activities.

Branchlines also seeks to provide the members of the Chapter with stimulating dialogue in the major areas of fire protection; Basic and Applied Research; Engineering, including standards development; Prevention, including education, inspection and enforcement; Early fire Detection, Alarm and Suppression, both automatic and manual.

SUBSCRIPTION: Branchlines is sent to all current members and friends of the Cascade Chapter of the Society of Fire Protection Engineers. Anyone interested in joining may download an application from our web site by visiting, <http://www.cascadesfpe.org/>.

"The techie-dominated Web holds limited appeal for today's mainstream consumers."
Jupiter Communications, August 1996

"The Internet is now big enough that it qualifies as a mass market"
Vinton Cerf, President, The Internet Society, 1995