



AIA East Bay



A Chapter of The American Institute of Architects

**CSI-EAST BAY /AIA EAST BAY
PRESENT:**

Fire Disasters and Prevention

Friday, November 30, 2018

SCOTT'S SEAFOOD RESTAURANT
#2 Broadway, Jack London Square
Oakland, CA 94612

Registration and Networking – 7:30 to 8:00 am
Program – 8:00 am to 12:30 pm

Complimentary Continental Breakfast will be provided

Continuing Education Credit:
4 AIA CES / HSW LUs



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Fire Disasters and Prevention Seminar 2018

Friday, November 30, 2018

Schedule and Program

7:30AM- 8:00AM Registration and Networking

8:00AM- 9:00AM – Joseph Joslin – Passive Fire Containment in Multi-Story Buildings – Overview and Concepts.

Today's high-performing exterior walls utilize continuous insulation systems to control heat and vapor flow, sound transmission, and, in the case of fire, structural integrity. These systems must also integrate with wall assemblies to keep flame and hot gasses from spreading. Wall testing and modeling evaluates air infiltration, water penetration, and design loading. What is not commonly understood is how continuous insulation impacts the fire/life safety of the structure. This presentation will help attendees identify basic performance criteria to meet code in a curtain wall system, opaque and rainscreen wall construction. The program looks at the outcomes of recent high-rise fires and touches on comparative fire testing of insulation materials from the 1990's to current day where walls with unique geometries and composite materials are proliferating. Attendees will have a greater understanding of continuous insulation and the life safety performance of the building and code compliance.

Joseph Joslin Technical Business Development Leader-Western USA Owens Corning

Mr. Joslin's background includes Executive Sales & Marketing experience in the non-residential construction industry with emphasis in integrated solutions for building enclosures. Mr. Joslin specializes in fire/life safety issues, thermal, moisture, and air dynamics in building envelopes; exterior and interior claddings; acoustics; and low slope roofing assemblies. Over the course of his career, Mr. Joslin has held management, business development, and field positions focusing on technical sales for walls, roofing, engineered ceiling, and flooring assemblies while developing deep industry and building science knowledge. Mr. Joslin is based in San Francisco and leads the Technical Business Development efforts in the Western USA for Owens Corning.

9:00AM- 9:10 AM Break



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Fire Disasters and Preventions – Seminar 2018

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9:10AM- 10:10AM – Wayne Dutchover, Nick Bartlett and Todd LaBerge – Oakland Ghostship Fire: A Tragic Loss of Life-Lessons Learned

In December 2016, a tragic warehouse fire claimed the lives of 36 individuals in Oakland. Lawrence Berkeley Lab Protective Service Inspectors Wayne Dutchover and Nick Bartlett assisted in the fire investigation. This presentation will provide an overview of the fire, including the response and lessons learned. It will also provide attendees with information on how they may become more aware of fire safety in their daily lives.

Wayne Dutchover is a senior fire inspector for the Lawrence Berkeley National Laboratory with over 25 years of experience with fire investigations and inspections. He has been the lead investigator in over 100 fires.

Nicholas Bartlett is a senior fire protection engineer for the Lawrence Berkeley National Laboratory. His experience is in design and testing of fire protection systems, inspections and commissioning and fire monitoring.

10:10AM- 10:20AM Break

10:20AM- 11:20AM – Phil Dregger – Fire Resistance – Lesson from the North Bay Fires and Elsewhere, Protection of building envelope systems during and after construction.

Phil will discuss UL 790 (ASTM E 108) fire-resistance tests and discuss what the test results tell you and what they do not tell you about how the assemblies will perform during a fire. He will also discuss his experience investigating fire damaged buildings, evaluating conditions, and repair options.

Phil Dregger P.E., RRC- Technical Roof Services, a Salas O'Brien Company

Mr. Dregger is a Professional Engineer (CA, NV, MN), Registered Roof Consultant, Fellow of the Roof Consultants Institute, and Vice President of Technical Roof Services, a Salas O'Brien Company. Phil has spent more than 30 years investigating, designing, and providing expert testimony regarding building roof, waterproofing, and building envelope systems. He has special expertise in investigating wind/hurricane damage, building code compliance, and condensation problems. Phil lectures often to industry groups, has authored many articles/papers on roof technology, and is a recent recipient of the William C Cullen Award (ASTM D08).



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11:20AM- 11:30AM Break

11:30AM- 12:30PM – Brandon Powers, “Attic Ember Defense -Vulcan Vents: Your First Line of Defense From Wildfire & Embers.”

An advanced, wildfire resistant vent designed to self-close! An ember catching screen blocks embers during ember attacks before the fire arrives. When wildfire nears, the intumescent coating on the matrix structure expands when it reaches critical temperature, creating a ‘firewall’. This helps to protect your home from wildfire intrusion through your outside vents.

Brandon Powers, Director Sales/Marketing New Cal Metals . Mr. Powers is a Placer county resident and Cal Fire Wild land firefighter. Experienced in residential and commercial construction, Mr. Powers is Sales Director for Vulcan Vents.

Registration Form

PLEASE REGISTER ONLINE at <https://conta.cc/2QMfB5w> or, e-mail Jerry Veiluva at Hayashida Architects, jerry@hayashida-architects.com

Registration Fee (all proceeds to benefit CSI East Bay Oakland chapter):

Attendee:	\$95
Students:	\$30

Sponsorships Available: \$250 - Contact Jerry Veiluva - jerry@hayashida-architects.com

Name (first and last): _____

Company: _____

Address: _____ City: _____ Zip Code: _____

Telephone: _____ Email: _____

CSI Member #: _____ AIA Member #: _____

Payments on-line <https://conta.cc/2QMfB5w> , via e-mail-jerry@hayashida-architects.com, or at the door.
