

REGISTRATION FORM 2015 TECHNICAL SEMINAR

Name (Member): _____

Guest (Non-Member): _____

Address: _____

Phone # _____

Email: _____

Limit 60 Attendees—First Come First Served			
Fee Schedule	#	Cost	Total
Member		\$100	
Non-Member		\$125	
No RSVP (walk-in for either)		\$150	
Students		\$25	
Speakers		Free	
Parking (Pay on your own at the hotel's garage or street)			
Each Attendee is entitled to one lunch ticket including refreshments at breaks and Happy Hours.			

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Table Top Display		\$300	
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Make check payable to ASHRAE Hawaii Chapter – 2015 Technical Seminar Send to: P.O.Box 3916, Honolulu, Hi 96812 or online at www.ashrachawaiichapter.info/meetinginfo.php			



HAWAII PRINCE HOTEL WAIKIKI

2015 Technical Seminar March 13, 2015

Theme: Indoor Air Quality and the Health and Well Being of Building Occupants

Location: Hawaii Prince Hotel

Keynote Speaker: Dr. Max Sherman



Dr. Max Sherman will present on “Why we Ventilate” to discuss his current work at the Lawrence Berkley Labs to develop a health-based ventilation standard. Dr. Sherman is a Senior Scientist at the Lawrence Berkeley National Laboratory with over 30 years of experience in building physics. He has a Ph.D. in physics from Berkeley and is an international expert in air leakage, HVAC, indoor air quality, infiltration,

moisture, energy efficiency, and related topics.



Mark your calendars, the 2015 Technical Seminar event is set! We have reserved the Hawaii Prince Hotel Waikiki for March, 13 2015. The seminar theme is Indoor Air Quality.

The quality of indoor air inside offices, schools, and other workplaces is important not only for workers' comfort but also for their health. Poor indoor air quality (IAQ) has been tied to symptoms like headaches, fatigue, trouble concentrating, and irritation of the eyes, nose, throat and lungs. Also, some specific diseases have been linked to specific air contaminants or indoor environments, like asthma with damp indoor environments. The four presenters will speak on the causes and effects of poor IAQ and methods to improve it.

The seminar will be from 8:00 am until 3:45 pm in the Haleakala/Kilauea Banquet room. A Continental Breakfast will be served in the morning. Lunch will be buffet style at the hotel's Prince Court Buffet. The technical seminar will be followed by a cocktail reception in the Marina Front Lounge (Hawaii Prince 1st floor), which gives you the opportunity to mingle with the presenters, ASHRAE members, and guests.

We hope that all of you will come out to join us and support the ASHRAE technical seminar!



**Halekala/Kilaue Banquet Room,
Hawaii Prince Hotel
Waikiki**

0800-0830	Registration	Continental Breakfast and Meet and Greet
0830-0845	Welcome and Introduction of Speakers	Donna Kishi, Incoming, Hawaii Chapter President
0845-1000	Presenting on "Why We Ventilate"	Max Sherman, PhD, P.E., Lawrence Berkely Labs
1000-1015	COFFEE/TEA BREAK	
1015-1130	Presenting on "Typical IAQ Project with Issues"	Matt Briley, President, Air Conditioning Specialist Inc.
1130-1315	LUNCH	
1300-1415	Presenting on "Architectural IAQ Issues"	Colin Murphy, Principal of Trinity ERD
1415-1530	Presenting on "DOAS System and Benefits of Reduce Dewpoint"	Einar Frobom, National Sales Manager for Munters
1530-1545	Closing Remarks	By the Event Organizers Kevin Luoma and Rob Brown



has extensive experience in IAQ remediation work for various commercial and Industrial building.

Matt Briley will present on a "Typical IAQ Project with Issues" this will be a suspect microbial issue and who the players typically are and what should be succession of events. He is President of Air Conditioning Specialists Inc. in Kona, Hawaii. He is a Certified Indoor Air Quality Consultant and the President of the Hawaii Chapter of the Indoor Air Quality Association. He



has received awards for outstanding publications and service to industry organizations. He holds fourteen United States and European patents for roofing and building envelope systems.

Colin Murphy is the principal of Trinity ERD, which he founded in 1986. He is a Registered Roof Consultant with degrees in Mechanical Engineering and Law (Scotland). He has authored and presented numerous papers on roofing and building envelope subjects throughout the United States. He has received



ing degrees: Bachelor of Science in Mechanical Engineering and a Masters of Business Administration, both from the University of Minnesota.

Einar K. Frobom, MBA, PE will present on "DOAS Systems and the Benefits of Reduced Dewpoint". He is the National Sales Manager for Munters Corporation. He has been involved with custom design and selection of HVAC equipment incorporating solution concepts such as air-to-air energy recovery and moisture transfer media, complex custom refrigeration systems. Einar holds the follow-



Hosted by:
ASHRAE HAWAII CHAPTER

For more info on the
ASHREA Hawaii Chapter go to
www.ashraehawaiichapter.info

EVENT ORGANIZERS:



as secretary.

Kevin Luoma, P.E.: Vice President at WSP Hawaii which is part of the WSP Group. He has over 15 years of experience as a HVAC design engineer with the last 6 years in Hawaii with a focus on sustainable design practices. He is also on the ASHRAE Hawaii Chapter Board of Governors serving



ASHRAE – Hawaii chapter.

Rob Brown: Sales Engineer at Air Treatment Corp – Hawaii. He has been working in the HVAC industry for over 6 years. Prior to joining Air Treatment in 2013 he worked for an equipment manufacture serving as HVAC National Sales Manager. Rob is an active member of the





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