

REGISTRATION FORM 2018 TECHNICAL SEMINAR

Name (Member): _____

Guest (Non-Member): _____

Address: _____

Phone # _____

Email: _____



Ala Moana Hotel

2018 Technical Seminar March 7, 2018

Theme: "Building Wellness"

Airflow Management for Healthcare Facilities



Dr. Kishor Khankari, Ph.D. is President at AnSight LLC in Ann Arbor, MI. He provides engineering solutions and insights through Physics based simulations and CFD analysis.

He has developed several easy-to-use analytical software tools which are regularly used by design engineers in a variety of companies including those in the HVAC industry. A noted expert in his

field, he has a Ph.D. from the University of Minnesota and has been regularly published in several technical journals and trade magazines.

Dr. Khankari's presentation topics:

- HVAC configuration on airflow distribution and flow path of airborne contaminants in patient/ operating rooms.
- Applications of active chilled beams, radiant heating and cooling, and displacement ventilation.
- Evaluation of contaminant removal efficiency for ventilation effectiveness
- Demonstrations for airflow patterns and the resulting flow path of contaminants



Please Mark your calendars, the 2018 Technical Seminar event is set. We have reserved the ALA MOANA hotel for Wednesday March 7th 2018. The seminar theme is on **"Building Wellness"**.

The wellness of a building and occupants can be attributed to the design, the construction, and the facility operation. The 3 presenters will speak on topics that directly impact a building's WELLNESS. We will discover the role airflow management can play in healthcare facilities and how to design for thermal comfort, IAQ, and prevention of transmission of airborne pathogens. We'll look at occupant centered building design and the latest trends that improve occupant comfort and safeguard energy. And also for Wellness in Building (verb) we'll review construction legal practices to build well while limiting risks.

The seminar will be from 8am to 12:30pm in the Garden Lanai room and will showcase table top exhibitors outside the meeting room. Lunch will follow the seminar and will be buffet style. We hope that all of you will come out to join us and support the ASHRAE technical Seminar and all the exhibitors!



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Limit 100 Attendees—First Come First Serve			
Fee Schedule	#	Cost	Total
Member		\$55	
Non-Member		\$65	
No RSVP (walk-in for either)		\$80	
Students		\$15	
Speakers		Free	
Parking (Pay on your own at the hotel's garage, \$6 or street/mall)			
Each Attendee is entitled to the lunch buffet and refreshments during breaks.			

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Make check payable to ASHRAE Hawaii Chapter – 2018 Technical Seminar Send to: P.O.Box 3916, Honolulu, HI 96812 or online at www.ashraehawaiichapter.info/meetinginfo.php			

**Garden Lanai Room
Ala Moana Hotel**

8:00-8:30	Registration	Meet and Greet
8:30-8:45	Welcome and Introduction of Speakers	Josh Jackson
8:45-9:25	Latest Trends in Occupant Centered Building Design	Manfred Zapka
9:25-9:45	Hawai'i Energy	Keith Block
9:45-10:15	Coffee Break	
10:15-11:00	Legal Practices for Risk Mitigation	Addison Bonner
11:00-12:30	Airflow Management for Healthcare Facilities	Kishor Khanrani
12:30-1:30	Lunch	



Latest trends in Occupant Centered Building Design



Manfred Zapka, Ph.D., P.E., is founder and principle of Sustainable Design & Consulting of Honolulu, and he specializes in building energy efficiency and occupant wellness. He has been working on commercial research projects to enhance wellness and comfort in buildings. He is a lecturer at the UHM School of Architecture where he teaches interdisciplinary courses in the design and analysis of high performance buildings. He holds several professional certifications in sustainable design, including LEED AP and WELL AP.

Dr. Zapka's presentation topics:

- Improving thermal comfort while safeguarding energy efficiency
- Hawaii Pilot installation of a liquid-desiccant dehumidification system

Legal Practices for Risk Mitigation



Addison Bonner, devotes a significant portion of his practice to the representation of contractors and design professionals facing litigation being threatened or brought by individual owners and associations, in residential, commercial, and industrial contexts. Mr. Bonner's experience includes advising as to risk mitigation practices before and during projects, as well as investigation and defense of claims lodged in state

and federal courts, or pending in alternative dispute resolution forums, including mediation and arbitration.

Mr. Bonner's presentation topics:

- Risks in Value Engineering:
 - Liability of contractors proposing and implementing value engineered solutions
 - Liability of designers accepting and approving value engineering changes
 - Risk mitigation strategies and considerations
- Handling Change Orders:
 - Identification of problem areas
 - Effective management practices
- Working with Associations:
 - Contractor and designer concerns
 - Best practices and other risk mitigation



**Hosted by:
ASHRAE HAWAII CHAPTER**

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

EVENT ORGANIZERS:



Josh Jackson: Sales Engineer at Air Treatment Corp — Hawaii. Josh has been working in the HVAC industry since 2005. Josh previously served as the ASHRAE Hawaii chapter's sustainability chair and is currently the chapter's technical seminar chair.



Kevin Luoma, P.E.: Vice President at WSP Hawai'i which is part of the WSP Group. He has over 18 years of experience as an HVAC design engineer with the last 9 years in Hawaii with a focus on sustainable design practices. He is also on the ASHRAE Hawaii Chapter Board of Governors serving as President.



**ALA MOANA
HOTEL**

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<http://www.alamoanahotelhonolulu.com/>