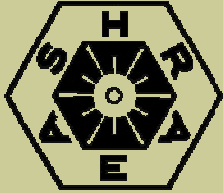


ASHRAE Newsletter La Crosse Chapter

www.ashraelacrosse.org

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December 2011



La Crosse Area
Chapter of ASHRAE
c/o Chris Hsieh
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Inside this issue:

**ASHRAE
webcast infor-
mation** 2

**ASHRAE Win-
ter Conference
charter bus trip
survey** 3

Air-to-Air Energy Recovery

by John Murphy, Applications Engineer, Trane / Ingersoll Rand

With the increased focus on reducing energy use in buildings, more projects are considering the use of air-to-air energy recovery. And energy codes, like ASHRAE Standard 90.1, are evolving to require energy recovery in more applications. This presentation will discuss using air-to-air energy recovery to precondition outdoor air that is brought into the building for ventilation, review the impact of recent changes to energy codes, and highlight the technologies that are commonly used for this purpose.



John has been with Trane since 1993. His primary responsibility as an applications engineer is to aid system design engineers and Trane sales personnel in the proper design and application of HVAC systems. His main areas of expertise include energy efficiency, dehumidification, air-to-air energy recovery, psychrometry, ventilation, and ASHRAE Standards 62.1 and 90.1. He is also a LEED® Accredited Professional.

John is the author of numerous Trane application manuals and *Engineers Newsletters*, and is a frequent presenter on Trane's *Engineers Newsletter Live* series of broadcasts.

He is a member of ASHRAE and has authored several articles for the *ASHRAE Journal*. He is a member of that society's "Moisture Management in Buildings" and "Mechanical Dehumidifiers" technical committees. He was a contributing author of the *Advanced Energy Design Guide for K-12 Schools* and the *Advanced Energy Design Guide for Small Hospitals and Health Care Facilities*, and a technical reviewer for the *ASHRAE Guide for Buildings in Hot and Humid Climates*.

Location: Trane Technology Center
2313 S. 20th St
Conference room IA/IB
La Crosse, WI 54601
Date: Tuesday, December 13th,
2011
Agenda: 12:00 — 12:15 Lunch
12:15—12:30 Business meet-
ing
12:30—1:30 Presentation
Cost: None
BYO lunch or purchase from
Trane cafeteria
RSVP: Please sign up by 12:00 p.m.,
December 12th, 2011 at
www.ashraelacrosse.org

Officers**President****Chris Hsieh****President-Elect****Michael Patterson****Secretary****Chris Schlegel****Treasurer****Anthony Dix**BOG at Large**Eric Bleckinger****Mike Clatworthy****James Spielbauer****Paul Ulland**Committee Chairs**CTT (programs)****Rick Heiden****Historian****Jim Ritter****Website****Jim Spielbauer****Honors and Awards****Michael Patterson****Membership****Scott Delo****Rob Jordan****Newsletter****Delia Estrada****Research Promotion****Jim Spielbauer****Student Activities****Shawn O'Brien**

We're on the web
www.ashraelacrosse.org

April 19, 2012 1:00 PM-4:00 PM EDT

Dedicated Outdoor Air Systems:

A Path to Balancing Energy and IEQ

Hear leading experts discuss the role of Dedicated Outdoor Air Systems in the overall HVAC system and describe various DOAS equipment configurations, characteristics, and applications. This webcast will identify common design and operational pitfalls, and cover challenges unique to DOAS.

FREE
ASHRAE
Webcast

Presenters



Ron Jarnigan, 2011-12
 ASHRAE President
 Staff scientist | Pacific North-
 west National Laboratory |
 Richland, WA



Tim McGinn, P.E., LEED AP
 Principal | Dialog | Calgary, AB,
 Canada



Stan Munzma, Ph.D., P.E.
 Professor Emeritus | Pennsylvania
 State University | University Park, PA



John Murphy, LEED AP
 Applications Engineer | Trane |
 La Crosse, WI

How to Participate

- You may register to view the Webcast on your PC
- You may host a webcast viewing site for your colleagues
- View the webcast at a site

PDH Credits

Three (3) Professional Development Hours (PDHs) or three (3) AIA Learning Units may be awarded to viewers who complete the "Participant Reaction Form" by May 3, 2012.

Sponsored by:

Brought to you by the ASHRAE Chapter Technology Transfer Committee

For more information about the program, presenters, continuing education credits, sponsorships, and DOAS resources please visit us at www.ashrae.org/doaswebcast

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ASHRAE Winter Conference Charter Bus Trip

2012 ASHRAE Winter Conference



Chicago
January 21-25



www.ashrae.org/chicago

If you are interested in riding to the ASHRAE Winter Conference and AHR Expo in a charter bus from La Crosse January 23rd to 25th, 2012 please fill out the following survey:

<http://www.surveymonkey.com/s/8XYX2VF>

Cost includes bus, hotel stay at the Wyndham in Prospect Heights and Tuesday dinner. There are two options: \$170 when sharing a hotel room and \$230 when having your own room.

Detailed pickup and drop-off information will be given at a later time.

Thank you to those of you who have already replied to the survey. You do not need to answer it again.



*Happy
Holidays*

From the ASHRAE La Crosse Chapter BOG

We're on the web
www.ashraelacrosse.org