



INFORMAIRE

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AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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www.ashraemadison.org

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JANUARY MEETING

Submitted by: Robb Stone

DATE: MONDAY, January 12th, 2009

LOCATION: University Square
700 Block of University Avenue
Madison, WI 53715

TIME: (Final meeting agenda to be confirmed and updated prior to date)
Project Tour 5:00 to 6:30 p.m.
Social Gathering 6:30 to 7:00 p.m.
Dinner Buffet 7:00 to 8:00 p.m.

TOPIC: University Square Project Tour

This program will involve the tour of the new University Square project in Madison, WI. The tour will consist of presentations and tours lead by the project owners, occupants, and design team including Executive Management, Inc, University of Wisconsin, Steve Brown/Lucky Apartments, and Potter Lawson Inc.

PROJECT: University Square Madison, WI
is a 1,100,000-square-foot urban infill development in the City of Madison, Wisconsin. The Developer and part owner of the project is Executive Management, Inc, a Madison based development firm. Steve Brown Apartments and The University of Wisconsin are also part owners of the development.

(more in details on next page)

RSVP: Please RSVP (email) to **Robb Stone** at JDR Engineering: stone@jdreng.com. You may also call Robb at (608) 277-1728, ext 101.

Please RSVP by **10:00 AM, Friday, January 9th**

The cost for the meeting is **\$30 for members and non-members**, which includes dinner and presentation. The meeting fee will be paid at the door. Please make checks payable to **Madison ASHRAE Chapter**

(See Meeting on next page)

PRESIDENTS MESSAGE

Submitted By: Tim Meeker

Happy New Year! I hope everyone was able to spend enjoyable time with family and friends this holiday season!

2008 finished with much doubt, insecurity and uncertainty. As we look ahead to 2009, we can anticipate more change, and hope that these will help jumpstart our global economy.

Our December meeting was well attended, despite the adverse weather. For those who could not make our program ("Focus on Energy – 2009 Preview"), a copy of the presentation is available on our website (www.ashraemadison.org)

Speaking of change, there is a movement (Initiated by The National Council of Examiners for Engineering and Surveying – NCEES) to increase the amount of coursework required by engineering graduates to obtain professional licensure (potentially up to 30 additional hours of upper level undergraduate or graduate level coursework). The ASHRAE Board of Directors (along with ASME, AICHE and other organizations) are currently opposed to these additional requirements. More information can be found on ASHRAE's website (www.ashrae.org). Our Board of Governors will also be discussing this potential change as well.

Finally, Robb has a great tour put together of the newly completed University Square Building in downtown Madison. Many of the projects key personnel will be on hand to guide and answer our questions. I encourage you to attend, what should a fun and informative tour.

Thanks, and I hope to see you at this months meeting!

Tim Meeker
2008-09 Madison ASHRAE Chapter President
meeker@jdreng.com
(608) 277-1728

DECEMBER MEETING

Con't

University Square consists of three main parts. A 2-story retail mall that is owned by Executive Management, Inc, a 10-story apartment tower known as "Lucky" owned by Steve Brown Apartments and a 9-story office tower owned by the University of Wisconsin-Madison.

The University Square complex is a unique facility comprised of multiple tenants and occupancy types. With facilities such as this come unique challenges to the design, installation, and operation of the facility to meet the individual needs of each tenant. The project design team, owners, and tenants applied an integrated approach to bring together this complicated project. The presentations and tour will provide attendees with the perspective from each branch of the facility (owner, design, and occupant).

DINNER: Meal to be a Catered Buffet Style

*The Madison Chapter "No Show" Policy: In an effort to control meeting costs, members who fail to show and fail to change by NOON FRIDAY the week before will be asked to contribute \$30 to recover the meal costs incurred by the Chapter. Checks are to be made out to Madison ASHRAE Chapter and mailed to: **Matt Heil**, c/o Henneman Engineering, 1232 Fourier Drive, Suite 101 Madison, Wisconsin 53717-1960*

MEETING MINUTES

Submitted By: Manus McDevitt

The latest meeting minutes can be found by selecting the following links.

[Madison BOG Minutes 11-19-08](#)

Thanks. *Manus*

TREASURER

Submitted By: Matt Heil

The treasurer reports can be found through the links below.

[Madison Treasurer November](#)

Matt Heil, P.E.
Treasurer
(608) 833-7000

RESEARCH PROMOTION

Submitted By: GENE NELSON

Donor Recognition Night has been rescheduled.

Due to inclement weather at last December's meeting, the donor recognition awards were not handed out. We have rescheduled our Donor Recognition Night for our February meeting.

Thank you for patience.

Gene Nelson
Madison RP Chair

TECHNOLOGY AWARDS

Submitted By: Brian Basken

Each year the Society presents awards in seven categories for both existing and new facilities: Commercial Buildings; Institutional Buildings; Health Care Facilities; Industrial Facilities or Processes; Public Assembly; Residential; Alternative or Renewable Energy Use.

The purpose of the **ASHRAE Technology Awards** program is to:

1. Recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data;
2. Communicate innovative systems designs to other ASHRAE members;
3. Highlight technological achievements of ASHRAE to others, including associated professionals and societies worldwide, as well as building and facility owners.

Submissions are judged using the following criteria (total 100 Points):

1. Energy Efficiency (15 Points)
2. Indoor Air Quality (IAQ) and Thermal Comfort (15 Points)
 - a. Standard 55
 - b. Standard 62
3. Innovation (15 Points)
4. Operation and Maintenance (15 Points)
5. Cost Effectiveness (15 Points)
6. Environmental Impact (15 Points)
7. Quality of Presentation (5 Points)
8. Judges' Prerogative (5 Points)

Submissions at the chapter level are due in late **February 2009**. Please contact **Brian Basken** for more information at (brian@pearsonengineering.com), or check out ASHRAE's website at:

<http://www.ashrae.org/members/page/310#cttcaward>

WINTER CONFERENCE

Submitted By: Mark Miller

Chicago, with one of the most recognizable skylines in the United States, has long-standing status as a livable urban center. That the city has stood the test of time makes it the perfect backdrop for this year's ASHRAE Winter Conference theme: Sustainable Urban Design: Engineering Tomorrow...Today. The Palmer House Hilton will once again host ASHRAE January 24 – 28, with the ASHRAE co-sponsored AHR Expo taking place Jan. 26-28 at McCormick Place.



The conference promises to be a great way to kick off the new year, with opportunities to interact with colleagues, learn technical information, and hear Keynote Speaker Chris Luebke of Arup speak on sustainability and thoughtful design and Technical Plenary speaker Adrian Bejan, Ph.D., explain technical evolution through “constructual theory” which he says can predict how everything flows through time and space.

The technical program highlights the conference theme and will feature presentations on energy conservation, indoor environmental quality, sustainability efforts and more that will help you earn your PDHs. Seeking to create additional value for Expo and Conference attendees, ASHRAE is launching “Wednesday Welcome,” at which all ASHRAE technical program sessions on Jan. 28 take place at McCormick Place. The “Wednesday Welcome” includes 18 hands-on, applications-type programs, held from 9 a.m. to 1:30 p.m., leaving the afternoon open to tour the Expo with more than 1,850 exhibits covering a world of equipment, systems, components and technology for the building industry. Admission to the “Wednesday Welcome” is included with your full ASHRAE Winter Conference registration or you can purchase a ticket for the full day for \$99.

You can also earn PDHs and CEUs at Professional Development Seminars and Short Courses brought to you by the ASHRAE Learning Institute.

Networking opportunities and chances to see Chicago are plentiful at the ASHRAE Winter Conference. Meet with old friends at the Welcome Party, Presidents Luncheon and Member's Night Out. Technical tours of the city take you to the Intercontinental Hotel and The Art Institute of Chicago and you can see mansions and temples of the city, or take a cooking class on one of the general tours.

For complete, updated information and to register for the ASHRAE Winter Conference, go online to www.ashrae.org/chicago. Visit www.ahrexpo.com to learn more about the AHR EXPO.

E-LEARNING REFRIGERATION

Submitted By: Mark Miller

E-Learning announces the launch of Refrigeration Equipment.

The Full course (11.5 PDH) costs \$250, and is discounted to \$195 for ASHRAE members.

The Short courses (1.5 - 2.5 PDH) costs \$90, and is discounted to \$75 for ASHRAE members.

Companies can realize important benefits from ASHRAE eLearning:

- Measure the results of training
- Integrates easily into existing training and makes it more effective
- Saves travel time and costs. Individuals can also realize important benefits:
- Learn more effectively
- Learn at your own pace, available 24/7/365
- Earn PDHs and CEUs

Refrigeration Equipment - I-P is available as one full course or 6 short courses and was designed by HVACR experts for:

- Recent engineering graduates working in HVACR
- Engineers entering HVACR from another area
- Technicians

Six short courses make up the full course and are available separately(ASHRAE Members \$75 ea):

- Evaporators 1.5 PDH
- Compressors 2.5 PDH
- Condensers 1.5 PDH
- Pipes, valves, and pumps 2.0 PDH
- Expansion devices 2.0 PDH
- Pressure vessels 2.0 PDH

showcase.

ASHRAE ANNOUNCEMENTS

Submitted By: Mark Miller

ASHRAE announcement this past month headlines are listed below. To find our more about the, search them out at www.ASHRAE.org:

- **New Report Provides Roadmap for Energy Policy and Strategies in the New Administration**
- **ASHRAE College of Fellows Celebrates 10th Anniversary**
- **ASHRAE Hosts Conference on Net-Zero Buildings**
- **IAQ Satellite Broadcast/Webcast April 22, 2009, 1pm-4pm EDT**
- **Requirements to Standard 90.1 Proposed; Open for Public Comment**

MADISON ASHRAE CONTACTS

OFFICERS:

PRESIDENT:	Tim Meeker	meeker@jdreng.com
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PROGRAM SCHEDULE

	Topic	Location	Speaker (s)	Theme
Sep 8	Underfloor Air Distribution Systems	Quality Inn and Suites Fitchburg	Jack Geortner – Flexsys Underfloor/JCI	
Oct 13	LEED Project Tour	Erdman – One Erdman Place	Mike Meteyer	Student Activities & RP
Nov 10	Humidity Control	Sheraton Madison Hotel	Tom Durkin – Durkin & Villalta Partners Eng	Membership
Dec 9	Focus On Energy – Update 2009	Holiday Inn – West	Gene Curtis – Focus On Energy	Past Presidents
Jan 12	Project Tour	University Square	Rick Gilbertson - Potter Lawson Dave Smith - KJWW	Student Night
Feb 9	Variable Refrigerant Flow Systems	Masters Building Solutions		Refrigeration
Mar 9				CTTC
Apr 13				
May 11				
Jun 8	Golf Outing	Stoughton Country Club		Social

ASHRAE Madison Chapter
 c/o Newsletter Editor
 124 Harvest Circle
 Oregon, WI 53575

(Address Correction Requested)

