



INFORMAIRE

JOURNAL OF MADISON, WISCONSIN CHAPTER
AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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NOVEMBER MEETING *Membership Night*

Submitted by: Robb Stone

DATE: MONDAY, November 10th, 2008**LOCATION:** Sheraton Madison Hotel706 John Nolen Drive
Madison, WI 53713

TIME: Social Gathering 5:00 to 6:00 p.m.
Dinner 6:00 to 6:45 p.m.
Program Presentation 6:45 to 7:45 p.m.

TOPIC: Humidity Control

Humidity problems: Engineers would much rather read about humidity problems than have to try to solve them. And as with many engineering issues, humidity problems are much easier to avoid than to go back and solve after the fact. It all depends on thoughtful design.

Tom Durkin has been designing school buildings in the hot, humid Ohio River Valley for more than 20 years. He has experienced great success in mitigating humidity issues. Tom presents insight and advice on:

- The root causes of most humidity problems
- Cost effective strategies that will solve them
- Improving the energy efficiency of the buildings at the same time

SPEAKER: Thomas H. Durkin, P.E. –
Durkin & Villalta Partners Engineering

As Director of Engineering and Senior Partner of Durkin & Villalta Partners Engineering, Indianapolis, **Tom Durkin** is widely recognized as one of the most innovative and creative engineers in the country. He has won ten state and national design awards, including the Consulting Engineers of Indiana “**Grand Project Award**” twice. He is a frequent author and speaker on energy conservation and engineering innovation. His projects have been featured in **USA Today** and on the **ABC News**.

*(See Meeting on next page)***PRESIDENTS MESSAGE**

Submitted By: Tim Meeker

Greetings, and welcome to the November Issue of the INFORMAIRE!

As the days grow shorter and temperature continues to fall we are reminded that snow is near...and that the Annual Winter Meeting is around the corner!

The ASHRAE Winter Conference and AHR Expo take place in Chicago this year on January 24th -28th. I hope our members are able to take advantage of the close proximity of this meeting. With over 70 Professional Development Seminars and Short Courses available throughout the Conference, there is something for everyone. I also encourage members to attend a Society Committee meeting. This is a great way to learn how our various Society Committees operate and make decisions.

Speaking of the Winter Conference, our fellow Illinois Chapter is looking for volunteers to help with the meetings. Again this is a great way to become an active member and learn more about Society. As an added bonus your meeting registration fees may be reduced or eliminated! Please see me if you are interested. I also have some complimentary passes to the AHR expo available for our Chapter use. Again, see me if you are interested.

At our local level, **Matt Koukl** and **Jim Kraus** are busy with our Student Activities Committee, looking at opportunities to increase our activity level at the high school level. Ellen Skorpinski has some great ideas for our GAME committee as well.

Lastly, **Robb Stone** has some great upcoming programs, including our speaker this month **Tom Durkin**. We are also looking forward to touring the new University Square building in the upcoming months.

As always, if you have questions, comments or concerns, please feel free to contact any of the BOG members.

Thanks and I look forward to seeing you this month!

Tim Meeker

2008-09 Madison ASHRAE Chapter President

meeker@jdreng.com

(608) 277-1728

NOVEMBER MEETING

Con't

Durkin & Villalta Partners Engineering is professional design firm specializing in HVAC, plumbing, fire protection, electrical power, lighting design, technology, and energy conservation. They have offices in Indianapolis and Evansville, Indiana

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, November 7th**

*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***

DINNER: Dinner Choices
(please indicate choice with reservation)

Roast Turkey

- Slow roasted turkey with mashed potato, cornbread dressing, green beans, and turkey gravy

Asian Swordfish

- Grilled swordfish with jasmine rice, asian coleslaw, and cilantro volute

Dinner Entrees Include: Field Green Salad, Dessert, Dinner Rolls, Coffee, Tea, or Milk

*The Madison Chapter "No Show" Policy: In an effort to control meeting costs, members who fail to show and fail to chance 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*

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.

AUDIT COMMITTEE

Submitted By: Ellen Skorpinski

Welcome to the Audit Committee!

The Audit Committee is just as it sounds...we essentially audit and monitor the financial records of the Madison Chapter. We review the monthly Treasurer reports provided by the Chapter Treasurer and report back to the Chapter Board of Governors.

The general time commitment of the committee is rather minimal and more committee members are welcome and encouraged!! It's a great way to get involved with our Chapter!!

MEETING MINUTES

Submitted By: Manus McDevitt

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

[Madison BOG Minutes 09-8-08](#)

Thanks. *Manus*

TREASURER

Submitted By: Matt Heil

The treasurer reports can be found through the links below.

[Madison Treasurer OCT](#)

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

‘GREEN’ TIPS for this winter

Submitted By: Ellen Skorpinski

It has already snowed in Madison before Halloween, and I hate to say it, but fall is ending and winter is already starting. With the economic hard times that are hitting the country, there are some simple ways to reduce your winter heating needs and save you money. Here are a few ‘green’ tips that are not only good for the environment, but good for your budget as well.



Set heating temperatures correctly by purchasing a digital setback thermostat which range from around \$50 to \$100. The setback thermostat will allow your furnace to heat the house to a lower temperature when you’re asleep and return it to a more comfortable temperature before you wake up. For example: In winter, set your thermostat at 65 °F when you are home and 58 °F at night and when at work. This will save about 20 to 30% on your utility bill annually.

Weatherize your residence. Drafty homes and apartments allow energy dollars to leak away. Make sure that the seal and caulk around windows and doors is adequate. If you are a renter, get plastic to put over your windows and doors that are not in use. If you are a home owner, check to see if you home has adequate insulation. Many old homes do not have enough, especially in the attic. If your home is older, it also may be time to revamp those old windows, doors, and HVAC systems. Check out www.energystar.gov for home improvement tax credits or Focus on Energy <http://www.focusonenergy.com/> for grants on home improvements. It is a double bonus with tax credits and saving on your energy bill!

Donate old clothing to charity. When you are cleaning out your closet to make room for your winter wardrobe, consider giving away your clothes to charities such as Good Will or Saint Vincent’s. Also, remember to save the receipt because it is a tax credit for next year.

Let the sun shine in! Sunlight is the cheapest and most energy-efficient light and heat source. On bright days, open blinds, drapes and shutters to let the sun light in and heat your home for free. The sunlight entering a room equals passive solar heating; therefore, sun streaming into a room can raise the temperature several degrees.

ENERGY CENTER of WI

Submitted By: Robb Stone

Modern Heating Options

Tuesday, November 11, 2008 | Madison, WI

Attend this one-day training and learn how to make informed choices about your heating systems. This is a very practical training with real-world examples. Attendees will come with questions and leave with answers and solutions.

Benefits of attending

- Make improvements without spending a lot of money
- Figure out how to assess the current health of your heating system
- Understand the best places to spend money
- Learn about easy diagnostic tests that you can perform in 15 minutes

For more information on this training or to register, visit www.ecw.org/university. You may also contact Kathryn Schiedermayer at kschiedermayer@ecw.org with your training questions.

ASHRAE ANNOUNCEMENTS

Submitted By: Mark Miller

ASHRAE has made a few announcements this past month, so a summary is provided for review. Search them out at www.ASHRAE.org for more details:

- **14 New Distinguished Lecturers**
- **ASHRAE Partners with Industry Leaders in Building Sustainable Headquarters**
- **ASHRAE Seeks to Engineer Tomorrow....Today in Windy City**
- **ASHRAE/USGBC Names Washington, D.C. Fellow**
- **Sustainable Urban Design the Focus of ASHRAE Winter Conference '09 in Chicago**

MADISON ASHRAE CONTACTS

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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				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

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(Address Correction Requested)

