

INFORMAIRE

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

VOLUME XXXVI NO. 6

www.ashraemadison.org

February 2004

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FEBRUARY MEETING

History Night

Submitted by Tom James

DATE: Monday Evening, February 9th, 2004

LOCATION: **Marriott Madison West**
1313 John Q Hammons Drive Middleton

TIME: 5:30 - 6:00 Social Gathering
6:00 - 6:45 Meeting and Dinner
6:45 - 7:45 Underfloor Air Distribution Case Study
Northwestern Mutual Office



SPEAKER: **Manus McDevitt**, Mechanical Engineer with Affiliated Engineers Inc.

TOPIC:

- * **Northwestern Mutual Franklin, WI Office Campus**
- * **Entire Office and Conference Areas Incorporate Underfloor Air Distribution**
- * **Five 50,000 CFM (approx) Air Handling Units**
- * **12" Raised Floor with Constant Pressure**
- * **Air Enters Occupied Space Through Basket Type Swirl Diffusers**
- * **Perimeter Variable Fan Boxes with Heating Coils**

Manus McDevitt is a mechanical engineer with Affiliated Engineers Inc. in Madison, Wisconsin. Mr. McDevitt earned his B Eng in Building Services Engineering at Heriot Watt University, Edinburgh, Scotland and his MSc in Construction Management from University of Bath, England. Mr. McDevitt is a LEED accredited professional and has worked on many sustainable building designs, which have obtained or are in the process of obtaining the USGBC LEED rating. Some examples of sustainable systems Mr. McDevitt has engineered are geothermal and underfloor air distribution. Mr. McDevitt is also a member of the NEMI task force set up to look at the future of underfloor air distribution and what the HVAC industry can do to promote this technology.

RESERVATIONS: Cost is \$20 for members and guests and \$1 for students. Pay at the door. Please make checks payable to Madison ASHRAE Chapter. Please **RSVP by Thursday February 5th** to make reservations call Tom James at (608) 845-6411 or E-mail to tjames@carnes.com.

The INFORMAIRE is the MONTHLY JOURNAL of the Madison, Wisconsin Chapter of the American Society of Heating, Refrigeration and Air Conditioning Engineers. Statements in the publication are not an expression of the Society of the Madison Chapter and may not be reproduced without written permission of the Board of Governors. Editor: Mark Miller, mark.miller@mail.ashrae.org

PRESIDENT'S MESSAGE

Submitted by: Mark Miller

Fellow Members;

At the time of last month's newsletter, I did not get the chance to announce the appointment of a new membership chairman. **Matt Heil** has accepted the position of Membership Chairman. I have had the chance to meet with Matt to provide a quick transition to his new role. Matt works at Henneman Engineering and has some good ideas to put into place for the Membership Committee. We discussed watching delinquency reports, so beware he may be contacting you for keeping your membership current. Please welcome Matt in his new role with our Madison Chapter.

I would like to take this time to thank Bob Donato for his involvement as Membership Chairmen of our Chapter of ASHRAE over the past years. Bob was good at helping get members to the monthly meetings. He also helped maintain our membership database and was the foundation at getting our Product Directory published. I appreciated his monthly membership reports and drawing in new members to our Chapter. I wish him the best in his new endeavors.

This month we are providing a seminar on **Underfloor Air Distribution**. The opportunity to put this seminar together came up quickly, so a committee was formed and the plans put into place. We felt it could be pulled off, since all of the pieces were falling into place. It is a great topic of a recently recognized air distribution method with many engineering and owner benefits and is going to be a great event. We are fortunate to have a mix of presenters that will provide a wide array of perspectives on this engineering approach. The cost is moderate and the time is reasonable, so sign up and join us.

As you receive this newsletter, the Winter ASHRAE meeting and AHR Expo is taking place. We have several members that are in attendance. I hope to entice them to provide a report from their meetings or the show highlights. Look for reports in next month's ASHRAE journal for reports

Remember, in February we celebrate National Engineer's Week from the 22nd through the 28th. Find a way to have engineers recognized through an educational organization. All level of students could learn something about what our profession is about.

Have a great month!

Mark F. Miller- President, Madison Chapter

BOARD OF GOVENORS MEETING MINUTES

Submitted by: Chad Faber

Board of Governor's meeting
January 22nd, 2004 3:46 p.m.

Attendees:

Mark Miller	President	Gene Nelson	Member At Large
Tom James	President Elect	Matt Heil	Membership Chairman

Meeting Minutes: Postponed
Treasurer's Report: Postponed (Bruce should distribute separately)

Old Business:

- Programs:
 - February: Set as part of the seminar
 - March: Commissioning. Gene Nelson will look into the Hilton downtown as a possible location
 - April: Still open. Possibly a refrigerant tour at Certico or the airport. Tom will inquire again.
 - May: William Coad will speak on Ethics and the Economics of Energy Conservation. We will request Doug Bergmann to arrange this meeting at Nakoma Country Club.
- Seminar February 9th:
 - To date, 29 people have registered. Some organizations have held spots with out specific names. A reminder will be put in the INFORMAIRE. This will be the only reminder that we will send out.
 - Registration:
 - Matt Heil and Gene Nelson will work the registration desk
 - A table will be provided for registration by the hotel. It may be in the room
 - Name tags should be generated from the registration list. Use sticker name tags. Tom James has the stickers or name badge holders
 - A sign should be displayed at the entrance to welcome and direct the attendee's to the location of the room. The vision of this sign is to have it a professional display with ASHRAE logo and the Madison Chapter recognized. Maybe the sponsors should be recognized as well. Is this something Planning Associates can do?
 - Product Displays:
 - Displays should be set up for the breaks and after the seminar. The displays will be in the room where the dinner is served.
 - If the vendor wants to set up their display in the seminar room and then move it, we will allow them to do so.
 - Hand Outs:
 - Request presenters to send their presentations so we can make copies for distribution. We will ask Chad if his company will provide the reproduction for this seminar.
 - Michel of the Trane Co., will provide a manufacturer specific hand-out.
 - The ASHRAE design guide will be available for viewing. We are willing to take an order for those that wish for us to offer this service. We will sell it at our cost as a member.
- TEGA:
 - A satellite broadcast is scheduled for Wednesday, April 14 at noon. The topic is Homeland Security. We are looking for a host to sponsor this event. In the past, we used the a university. Some business's have the capability to do this as well. We will contact the student advisors for guidance and assistance. Possibly ask Trane if they might be interested.
- Historian:
 - We are still looking for a way to centralize a library of ASHRAE manuals. Wendt library is an option. We need to contact them about the potential to have access to the library if we can provide the documents. Mark will inquire further.

INFORMAIRE information is Due Monday, January 26th.

- Product Directory:
 - We had a goal to produce this again. This is not feasible for this year. We will refocus our goal to produce it next year again. We are looking for people to help put it together for next year. At this time, Matt Heil, Membership Chairman is not interested in participating in this task in order to concentrate on his other responsibilities. Ask the other interested person for Membership, to take an active role in this task.

New Business:

- February is Engineers Month, with February 22nd through 28th the week highlighted. See January's INFORMAIRE for information.
- CRC is coming up April 29th through May 1st:
 - ASHRAE Region VI Chapter Regional Conference (CRC) is located in Rockford this year. It is convenient to travel to, so we recommend strong attendance from the BOG and membership.
 - CRC should be announced in the INFORMAIRE. It should start in the current newsletter.

INFORMAIRE

The next BOG meeting is scheduled for Friday, February 20th at 3:30 P.M.
Adjourned at 6:12 p.m.

Chad Faber, Chapter Secretary

SEMINAR: UNDERFLOOR AIR DISTRIBUTION Submitted By: Tom James

Monday, February 9th, we are hosting a seminar on Underfloor Air Distribution. Rick Malley, Dave Marsh, Ken Loudermilk will provide us a discussion about design concepts, application, construction and implementation of underfloor ventilation from leaders of the industry and authors of publications on the systems. Registration is limited, so send your form in promptly!

The brochure can be found at www.ashraemadison.org/informaire/underfloor_distribution_seminar.pdf.

Complete the form and send it in with your method of payment. We have had a strong response thus far, so reply before the deadline of **Thursday, January 29th**.

We will have the new ASHRAE Design Guide available to view and order. Literature will also be available from the manufacturers.

Thanks to the ad hoc seminar committee that was quickly formed to put this seminar together:

- | | |
|----------------------|--|
| Chad Faber | cfaber@planningdesignbuild.com |
| Tom James | Tjames1229@aol.com |
| Gene Nelson | gcnelson@aeieng.com |
| Mark Miller | mark.miller@mail.ashrae.org |
| Michel Robert | marobert@trane.com |

We look forward to seeing you on the 9th!

RESOURCE PROMOTION Submitted By: Al Zeller

February's resource promotion raffle will be an overnight stay at the **Wilderness Resort** in Wisconsin Dells. Bring some cash to buy your tickets!

Mail Check To: ASHRAE RESOURCE PROMOTION c/o Al Zeller 6107 Exchange Street McFarland, WI 53558	<p style="text-align: center;"><i>You can designate where your contribution goes:</i></p> <p style="text-align: center;">_____ Research _____ Learning Institute</p> <p><small>*Individual contributions of \$100 or more and Corporate contributions of \$150 or more receive this year's William Holladay Commemorative Coin and Honor Roll Contribution status.</small></p>										
Name: _____											
Company: _____											
Address: _____											
Tel: _____											
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CORPORATE	\$75.00	\$100.00	\$150.00	\$250.00							

Al Zeller, Resource Promotion Committee,
241-9342, azeller@capitolmechanical.com

REGION CRC-Rockford

Submitted by: Mark Miller

The Madison Chapter of ASHRAE is part of Society's Region VI, which includes 11 other chapters. Annually, our Region meets at a Chapter Regional Conference (CRC) to review the results of each chapter, submit motions to Society, provide training for volunteers and offer technical sessions for all members. This year our CRC is in Rockford, Illinois on April 29th through May 1st.

Since it is convenient to us in Madison, I encourage you to consider attending. For those of you who are familiar with it, CRC is our most powerful way of being heard by ASHRAE Society. It frequently offers some good opportunities to get Continuing Development Credits through the technical sessions. It is also a great way for new members to learn more about ASHRAE and what impact it has on our society.

Pencil it in your calendars and look for more information to be sent out as it becomes available.

<http://rockfordashrae.tripod.com/welcometorockfordashrae/id24.html>

HISTORIAN

Submitted by: Jeff Boldt

We have another company history to distribute. Attached is Sporlan's Valve Company's history provided by the St. Louis Chapter of ASHRAE. They are a major manufacturer in the refrigeration component portion of our industry. Thank you Hank Sauer of St. Louis Chapter for putting this together.

GOLF OUTING

Submitted By: Michel Robert

It's still cold outside but the golfers are waiting for the new season to start. The Golf Committee is starting its work to make the 2004 Madison Chapter ASHRAE golf outing another success. Monday, June 14 has been confirmed with the Stoughton Country Club for this year event. By then, I can promise that the greens will be clear of snow and that the temperature will be perfect for our yearly event.

You should expect to receive all the details and the registration form in April. In the meantime, you should start inviting and organizing your foursome. Like always, all comments or suggestions to improve this outing are welcome. I can be reach at (608) 838-8200.

Michel Robert
Golf Committee Chairman

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PROGRAM SCHEDULE

Submitted By: Tom James

	Topic	Location	Presenter	
Feb 9	Underfloor Air Distribution	Marriott Hotel Middleton, WI	Trox & York Representatives	History
Mar 8	ASPE Joint Meeting - Commissioning (Tentative)	Hilton Hotel Monona Terrace	TBA	Student
Apr 12	Green Buildings - Or Noise & Vibration Control	TBA	TBA	
May 10	Ethics and the Economics of Energy Conservation	Nakoma Country Club	William Coad Past Society President	
Jun 14	Golf Outing	Stoughton Country Club		Social

CHAPTER CONTACTS

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WANTED!

**ASHRAE
MEMBERSHIP CHAIRMAN!**

Immediate Opening

Contact:

mark.miller@mail.ashrae.org

Air Conditioning
Division

Mark F. Miller
District Sales Manager



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INFORMAIRE

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over 240 key HVAC individuals
monthly!

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(Address Correction Requested)

