

# INFORMAIRE

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

VOLUME XXXVIII NO. 7

[www.ashraemadison.org](http://www.ashraemadison.org)

March 2006

## *In this Edition:*

Meeting Information	1	Golf Outing	2	Program Schedule	5
CTTC Seminar	2	Historian	3	Chapter Contacts	6
Research Promotion	3	PFMA Meeting	3	Advertisers	7
Satellite Broadcast	2	Meeting Minutes	4		

## MARCH MEETING

Submitted by: Chad Faber

**DATE:** MONDAY Evening, March 13th, 2006

**LOCATION:** Holiday Inn – Madison West  
1109 Fourier Drive, Madison, Wisconsin 53717

**TIME:** 5:00 – 6:00 Social Gathering  
6:00 – 6:45 Meeting and Dinner  
6:45 – 7:45 **PROGRAM PRESENTATION**

**TOPIC:** Natatorium Design and Dehumidification  
These facilities are notoriously complex to design and can be expensive to operate. The presentation covers the many critical system design aspects of a Natatorium which include the fundamentals of psychrometrics, dew point, humidity/condensation control, moisture load calculation, air distribution, ventilation requirements, water chemistry and how to optimize your operating conditions to minimize operating costs.

**SPEAKER:** **Ralph Kittler**  
Mr. Kittler is well regarded in the HVAC industry as an expert in dehumidification and Indoor Pool Design. He has been in the dehumidification and Natatorium design field for over 15 years. He is the revisor responsible for Chapter 4 (Large Building Air Conditioning Applications) of ASHRAE's 1999/2003/2007 Applications Design Handbook which covers Natatorium Design and speaks regularly at ASHRAE meetings across the country. He has also published several articles in trade journals and magazines.  
Mr. Kittler is a Co-Founder and Director of Sales & Marketing for Seresco Technologies Inc. He is a Professional Engineer with a degree in Mechanical Engineering from Lakehead University, Ontario Canada in 1989.

**RESERVATIONS:** Please RSVP no later than Wednesday, March 8<sup>th</sup> so we will have enough dinners.

There is no cost for Members or Students. For non-members the cost is \$30 for dinner and the featured program. Pay at the door. Please make checks payable to Madison ASHRAE Chapter. To make reservations, e-mail Chad Faber at [cafaber@pecllc.com](mailto:cafaber@pecllc.com) (preferred) or call (608) 225-0322.

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](mailto:mark.miller@mail.ashrae.org)

**CTTC Seminar**

Submitted By: Mike Gall

**The CTTC Seminar is Set for Tuesday March 21!**

If you have registered, please plan on arriving between 11:30 and 11:45 so we can get started on time as we have plenty of information to cover. Lunch is provided. Copies of the 90.1 standard will be available at a discount to any attendees of the Seminar. Cost will be appx. \$44 for the Standard and \$34 for the Users Manual (ASHRAE Bookstore cost is \$88 and \$74, respectively, for ASHRAE members). If you need further information, contact Mike Gall, CTTC Chairman (mgall@mastershvac.com).

**RESEARCH PROMOTION**

Submitted By: Al Zeller

The 2005-2006 ASHRAE Research fund raising is gearing up this month. It is our hope to complete our efforts by April 15, 2006. Please be generous when you are contacted in the coming weeks.

I want to thank the corporate donors who have made donations so far this year: 1.) BAPI - Building Automation Products, Inc., 2.) Therma Stor Products Group, and 3.) The Heating, Piping, and Cooling Council.

**SATELLITE BROADCAST/WEBCAST**

Submitted By: Mark Miller

The spring Satellite Broadcast/Webcast of 2006 is still on for April 19<sup>th</sup>. "Sustainability and the Building Environment" produced by ASHRAE will be another valuable event to experience. More information is available at the official webpage [www.ashrae.org/greenbuildingsbroadcast](http://www.ashrae.org/greenbuildingsbroadcast). Presenters and moderators, frequently asked questions, on-line registration dates, agenda and ASHRAE "Green" publications, courses, and Distinguished Lecturers will be found there. Comments and questions can be directed to Rosy Douglas at [rdouglas@ashrae.org](mailto:rdouglas@ashrae.org) or (678) 539-1128.

**GOLF OUTING**

Submitted By: Michel Robert

Dear members and fellow golfers,

Again this year, it is time to start thinking about the next golf season. Actually, some of us may have golfed in January already, due to an exceptionally warm month.

The ASHRAE Golf Outing is scheduled for **June 12, 2006**. The format will be the same as previous years, and we will return to Stoughton Country Club. The golf course and the clubhouse have recovered from the damages caused by the tornado of last summer.

More details and the registration form will follow in April.

**Golf Committee Chair-Michel Robert (608) 275-7501**

**HISTORIAN**

Submitted By: Jeff Boldt

After our big news in February with Mike Meteyer winning the Lou Flagg Award for his history of Marshall Erdman and Bruce Kimball's history of Strang there isn't much to report this month. Hopefully we will have the Carnes history included with next month's Informaire.

We are already looking for histories of companies, HVAC systems, or ASHRAE members for next year. Please contact me if you are interested.

Please contact me if you are interested.

Chapter Historian - Jeff Boldt [boldtjg@kjww.com](mailto:boldtjg@kjww.com)

**PLANT AND FACILITIES MAINTENANCE ASSOC.**

Submitted By: Peter Zielski

*PLANT & FACILITIES MAINTENANCE ASSOCIATION - PFMA Invites You To A Presentation On:*

***"VIBRATION ANALYSIS"***

**With Jim Carrel - Johnson Controls & David Carabello - Academy Electric**

**Wednesday, MARCH 08, 2006,**

6:00 P.M. – Registration | 6:30 P.M. – Presentation | 7:30 P.M. – Dinner

**Location:**

Madison Metropolitan Sewerage District (MMSD) 1610 Moorland Road, Madison, WI  
(South of Beltline on South Towne Road to Moorland Road – Enter Gate 2 – Follow Signs to Operations Building)

*Please RSVP by Monday, March 6, 2006.*

Contact Peter Zielski at (608) 849-8738 or e-mail [pfma\\_capitol@hotmail.com](mailto:pfma_capitol@hotmail.com) or [pfma\\_capitol@yahoo.com](mailto:pfma_capitol@yahoo.com)

**LOOKING FOR AUTHORS**

Submitted By: Michael Perleberg

**Looking for Authors**

Wisconsin Perspective Magazine is looking for ASHRAE members to author articles detailing the design of HVAC systems for its reader audience. The articles should be original, unpublished pieces that discuss the types of systems used, materials used, installation guidelines, and other relevant information. If, ideally, will include an illustrative case study with photographs. Wisconsin Perspective Magazine will provide you with complete credit for the article.

If you are interested in submitting an article, please send a brief outline to: Michael Perleberg, MCP@WisconsinPerspective.com, cell 262.994.7776.

**Wisconsin Perspective**

**MEETING MINUTES**

Submitted by: Tim Meeker

**BOARD OF GOVERNORS MEETING**

1. **PRESIDING OFFICER:** Bruce Kimball, President
2. **CALL TO ORDER (Time & Place)** February 22, 2006 4:15 p.m.  
 Affiliated Engineers Inc.  
 5802 Research Park Blvd  
 Madison, Wisconsin  
**ROLL CALL** Bruce Kimball, Chad Faber, Gene Nelson, Tim Meeker, Robb Stone, Matt Heil, Tom James
3. **APPROVAL OF MINUTES**  
**Motion** Robb Stone motioned to accept the January 2006 BOG meeting minutes.  
  
**Second** Gene Nelson  
**Vote** Unanimous
4. **REPORTS**  
**Treasurer's Report** Information on Chapter meetings includes:
  1. We are averaging 63 people/meeting.
  2. Meal costs have been approximately \$30/plate on average.
  3. Chapter meetings have been running at approximately \$1900/meeting.
  4. There have been an alarming number of "no-shows" at each meeting (9 no-shows at the January meeting).

Chad has been contacting the "no-shows" and requesting \$20 reimbursement for meal costs. We have been having some success in this process, and Gene has been receiving some cash inflow.

Based on current spending rates, we are projected to spend approximately \$29,000 this year (which includes Chapter meetings, scholarships, audit and some CRC expenses). These expenses include some large one time costs (including financial audit and CRC expenses). We are projecting a cash intake of approximately \$25,000 this year (which does not include 90.1 seminar cash intake). The delta between cash intake and expenditures is expected to be higher this year due to chapter dues restructuring, and one time expenses including audit and CRC 2007 expenses.

The BOG requested that we keep CRC 2007 expenses separate, for accurate tracking and reimbursement when possible from Society. Gene would like the audit committee to review the current treasurer's report as soon as possible.

See attachments for full treasurer's report.

**Motion** Matt Heil motioned to conditionally accept the February 2006 BOG treasurer's report pending the audit committee review and approval.  
**Second** Robb Stone  
**Vote** Unanimous

**Membership Committee** Matt is continuing to work with delinquent members and our delinquent membership is continuing to go down on a monthly basis.

**CRC 2007 Committee** The Monona Terrace Community and Convention Center and Hilton have been reserved for CRC2007. We put a deposit down at Monona Terrace and a block of rooms have been reserved at the Hilton.

Tom has indicated that there should be positive cash flow thru the Chapter, and doesn't expect any cash flow issues.

At CRC 2006 (St. Louis), we will be providing a small free promotional item promoting CRC 2007 in Madison.

There is also a meeting directly after the BOG meeting to discuss CRC 2007 and potential “themes” for the conference.

**5. OLD BUSINESS**

**90.1-2004 Seminar Update**

We have approximately 50 people currently registered for the seminar (of which approximately ½ are Chapter members). This meets the minimum number of people required for room rental. A final notice has been emailed to Chapter members. Registration ends next week. There was a request to make an announcement for an efficient building award competition, known as SE squared during the course of the seminar. Bruce and the BOG do not believe that this ASHRAE sponsored seminar is an appropriate time to plug other organizations. Bruce has suggested that a copy of this advertisement be forwarded to the BOG for review and potential inclusion into the Informaire mailer to Chapter members. We will have approximately 30 copies of Standard 90.1-2004 and the associated User’s Manual for sale at the seminar. The Chapter will be charging \$50.00 for the Standard and \$40.00 for the User’s Manual (Gene will inform Jeff Bolt to purchase the 30 copies of each).

**6. NEW BUSINESS**

**2006-2007 Chapter Dues**

The BOG elected to keep Chapter dues for the upcoming year (2006-2007) at the same level as this past year (\$80/year). Expenses next year should be less then this year. Society will require this information by the end of this month. Matt also noted that new ASHRAE members are only being charged \$30 in Chapter dues for the first year. After the first year, Chapter dues are increased to \$80/year.

**Non-Member Chapter Meeting Costs**

Chapter meeting meals have been costing approximately \$30/meal. In lieu of these higher meal costs, the BOG discussed raising non-member Chapter meeting fees.

**Motion**

Gene Nelson motioned that during the 2006-2007 Chapter year, non-member attendees of Chapter meetings will be charged \$30/meal.

**Second Vote**

Bruce Kimball  
Motion carried with (1) dissenting

**Chapter Service Awards CRC 2006**

The BOG will investigate potential nominations for Chapter Service Awards. The Chapter needs to quickly start pulling together our Chapter “published information” to be handed out at CRC 2006. Highlights of this information may include: Increased attendance at Chapter meetings and our revised Chapter due’s and meeting policies. Bruce would like to have this information soon (CRC 2006 is April 27, 28 & 29 in St. Louis). Bruce will email the last years CRC information to everyone as template/example.

**April Chapter Meeting**

The April meeting is also Student Night. Chad would like to have the Chapter meeting at a downtown location, for ease of student access (the Double Tree hotel/restaurant is a possibility). The BOG agreed with this and asked Chad to continue with the plan.

**Next BOG Meeting**

March 22, 2006, 4 p.m.at Babes Bar and Grille.  
5:10 p.m.

**7. ADJOURNMENT**

**PROGRAM SCHEDULE**

Submitted By: Chad Faber

	<b>Topic</b>	<b>Location</b>	<b>Presenter</b>	<b>Event</b>
Apr 10	Energy Modeling Simulation and Case Study		Dan Pliner, JDR Engineering	Student Night
Apr 19	Sustainability and the Building Environment		Satellite Broadcast/Webcast	
May 8	Schoeps Tour of Cold Storage Facility		Paul Thompson, Schoeps	
Jun 12	Golf Outing	Stoughton Country Club		Social

**CHAPTER CONTACTS**

**OFFICERS:**

		<b><u>Phone</u></b>	<b><u>Fax</u></b>	
<b>PRESIDENT:</b>	Bruce Kimball	(608) 276-9200	(608) 276-9204	<a href="mailto:kimball@strang-inc.com">kimball@strang-inc.com</a>
<b>PRESIDENT-ELECT:</b>	Chad Faber	(608) 225-0322	(608)	<a href="mailto:cafaber@pecllc.com">cafaber@pecllc.com</a>
<b>TREASURER:</b>	Gene Nelson	(608) 238-1232	(608) 238-2614	<a href="mailto:gcnelson@aeieng.com">gcnelson@aeieng.com</a>
<b>SECRETARY:</b>	Tim Meeker	(608) 821-8500	(608) 821-8501	<a href="mailto:tmeeker@arnoldandosherridan.com">tmeeker@arnoldandosherridan.com</a>
<b>PAST PRESIDENT:</b>	Tom James	(608) 845-6411	(608) 845-6470	<a href="mailto:TJames1229@aol.com">TJames1229@aol.com</a>
<b>BOARD OF GOVERNORS:</b>	Matt Heil	(608) 833-7000	(608) 833-6996	<a href="mailto:mheil@henneman.com">mheil@henneman.com</a>
	Rob Stone	(608) 277-1728	(608) 821-8501	<a href="mailto:stone@jdreng.com">stone@jdreng.com</a>

**COMMITTEES:**

<b>CRC DELEGATE:</b>	Bruce Kimball	(608) 276-9200	(608) 276-9204	<a href="mailto:kimball@strang-inc.com">kimball@strang-inc.com</a>
<b>CRC ALTERNATE:</b>	Chad Faber	(608) 836-8055	(608) 836-5818	<a href="mailto:cafaber@pecllc.com">cafaber@pecllc.com</a>
<b>CTTP:</b>	Mike Gall	(608) 270-0370	(608)	<a href="mailto:MGall@mastershvac.com">MGall@mastershvac.com</a>
<b>GOLF:</b>	Michel Robert	(608) 270-0370	(608)	<a href="mailto:MRobert@mastershvac.com">MRobert@mastershvac.com</a>
	Doug Bergman	(608) 270-0370	(608)	<a href="mailto:DBergmann@mastershvac.com">DBergmann@mastershvac.com</a>
<b>HISTORIAN:</b>	Jeff Boldt	(608) 223-9600	(608) 233-9601	<a href="mailto:boldtjg@kjww.com">boldtjg@kjww.com</a>
<b>MEMBERSHIP:</b>	Matt Heil	(608) 833-7000	(608) 833-6996	<a href="mailto:mheil@henneman.com">mheil@henneman.com</a>
<b>NEWSLETTER:</b>	Mark Miller	(608) 835-1944	(866) 422-2290	<a href="mailto:mark.miller@mail.ashrae.org">mark.miller@mail.ashrae.org</a>
<b>PROGRAM:</b>	Bruce Kimball	(608) 276-9200	(608) 276-9204	<a href="mailto:kimball@strang-inc.com">kimball@strang-inc.com</a>
<b>REFRIGERATION:</b>	Terry Riker	(608) 271-7500	(608) 327-2363	<a href="mailto:triker@tsihvac.com">triker@tsihvac.com</a>
<b>RESOURCE PROMOTION:</b>	Al Zeller	(608) 241-9342	(608) 837-0278	<a href="mailto:azeller@capitolmechanical.com">azeller@capitolmechanical.com</a>
<b>SCHOLARSHIP:</b>	Mitch Hagens	(608) 241-4328	(608) 241-2710	<a href="mailto:mhagens@naminc.com">mhagens@naminc.com</a>
<b>STUDENT ACTIVITIES:</b>	Wayne Prior	(608) 288-8338	(608) 288-8388	<a href="mailto:prioreng@mcleodusa.net">prioreng@mcleodusa.net</a>
<b>WEBMASTER:</b>	Zach Obert	(608) 249-9322	(608) 249-0307	<a href="mailto:zacko@weccusa.org">zacko@weccusa.org</a>

**Advertisers Wanted!**  
Contact Mark Miller  
at  
[mark.miller@mail.ashrae.org](mailto:mark.miller@mail.ashrae.org)

**Ruud Heating & Air Conditioning Division**  
**Mark F. Miller**  
**District Sales Manager**



---

5600 Old Greenwood Road  
Fort Smith, AR 72917-7010



*Automation Components Inc.*



**Sensors and Transmitters**

Michael D. Bollant <i>Sales Engineer</i> 2305 Pleasant View Road Middleton, WI 53562 Phone 608-831-2585 Fax 608-831-7407 <a href="http://www.workaci.com">www.workaci.com</a>	Temperature, Relative Humidity, Pressure, Gas, and Current
---	---

**Full Year-\$80.00. Half-Year-\$40.00**  
Send a copy of your business card.  
We can either scan you business card  
or generate a reproduction of it.

ASHRAE Madison Chapter  
c/o Temperature Systems, Inc.  
P.O. Box 8030  
Madison, WI 53708-8030

(Address Correction Requested)

