

INFORMAIRE

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

VOLUME XXXVIII NO. 1

www.ashraemadison.org

September 2005

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SEPTEMBER MEETING

Submitted by Chad Faber

DATE: MONDAY Evening, September 12th, 2005

LOCATION: Radisson Hotel Madison,
517 Grand Canyon Drive, Madison, WI

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

TOPIC: **LABORATORY EXHAUST DESIGN AND APPLICATION**

- Laboratory exhaust systems - including industry standards and design references
- Benefits of different systems to the engineer, owner, and end user
- Laboratory exhaust applications

PRESENTER: **Anthony (Tony) Rossi:** Director of Laboratory Exhaust Systems, Greenheck Fan Corporation, Schofield, Wisconsin. Mr. Rossi has a Bachelors & Masters degree in Mechanical Engineering, and has over 28 years experience in the industrial ventilation industry. The last 15 years have been dedicated to laboratory ventilation.

RESERVATIONS: Please RSVP no later than Wednesday, September 7th so we will have enough dinners.

Please indicate dinner selection; Champaign Chicken, Breaded Perch or Stuffed Pork Chop.

There is no cost for Members or Students. For non-members the cost is \$20 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 cfaber@planningdesignbuild.com (preferred) or call (608) 836-5818.

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PRESIDENT'S MESSAGE

Submitted by: Bruce Kimball

Welcome to all members of ASHRAE and especially the Madison Chapter! The Board of Governors (BOG) has been busy during the summer making plans for this 2005/2006 year. We have many plans and exciting changes to announce.

NO COST FOR MEMBERS AT CHAPTER MEETINGS. That's right, starting this year there will be no cost for the excellent dinners and informative speakers at our chapter meetings. Our meals costs have been rising and we started charging \$20 per meeting to offset the increase. We have 9 meeting per year, typically, or \$180 per year to attend all the meetings. The BOG has voted to increase the chapter dues by \$50. This idea has been successful for other chapters. The increase, spread across all the chapter members should offset the cost of our meetings, with the goal of encouraging more attendance at the meetings, and providing another valuable benefit to becoming an ASHRAE member. No more getting receipts at every meeting. The annual ASHRAE dues cover your attendance to every meeting. Please note; you will still need to RSVP in a timely manner so we can arrange for enough meals and seating. This change is not "written in stone" so free to send me, or anyone on the BOG, your comments. I welcome your feedback.

Chad Faber, President-elect and Program Chairman, has a full compliment of Speakers already lined up for the upcoming season. Be sure to look at the proposed schedule and note that our first meeting is coming up on Monday, Sept 12th. Hope to see you all there.

Next ASHRAE year, in 2006/07, Madison will be hosting the Region VI CRC. We have started the planning process and already have about 10 people on the committee. We need about 20 more volunteers. By having a large number of volunteers the workload becomes very manageable. Can you donate a few hours to investigate rental equipment that's needed, or help with reservations, or help arrange accommodations for the speakers? Please consider becoming a member of this committee.

One of my goals for this year is to try and establish a Chapter Volunteer pool. We have one of the most successful chapters in the region for participation on the Regional and National level, but sometimes our Madison Chapter is run by too few people who are trying to balance the official workload and the ASHRAE workload. A couple of hours a month, or a few hours a year giving back to ASHRAE can make a big difference. More on this later.

I hope you are as exited about this upcoming year as I am. The Madison Chapter is thriving, due in part to our excellent programs, but mostly due to our outstanding members. I look forward to serving all of you.

God bless and protect our men and women in the Armed forces.

Sincerely, **Bruce F. Kimball, P.E.** - Madison ASHRAE Chapter President 2005/6

COMMITTEE GOALS

Submitted By: BOG

The Board of Governors (BOG) asked each Committee Chairman to identify their goals for 2005-06 to align the Board goals along with the Committee's. The goals highlights are available in the meeting minutes, however the following were available to included in this newsletter. Please feel welcome to contact these Chairmen to assist them in achieving these goals.

Membership Committee:

Matt Heil

1. Reduce or maintain our delinquency to 15% of the previous year's total net area assigned members. Last year there was 223 net area assigned members. As of July 1st, there are 17 members delinquent. As of August 1st, there are 62 members delinquent.
2. Promote membership to exceed the net assigned members of the previous year.
3. Form a committee, which is 10 members or more.
4. Appointing a telephone committee and conducting follow-up calls or emails on delinquents and Society members not a member of the chapter.
5. Maintain two membership promotion nights at chapter meetings.
6. Recognizing each new member at a monthly meeting and newsletter (INFORMAIRE).
7. Committee chair attending the committee CRC workshop.
8. Finding a new membership chair for the 2006/2007 year.

Student Activities:

Wayne Prior

1. Verify Student Branch Has Submitted the Status Report
2. Organize a committee of four
3. 150% of PAR for PAOE
4. Update PAOE points on the web site every other month
5. Promote design competition to faculty advisor and student members.
6. Contact faculty advisor to solicit grant applications
7. Application for senior grant application
8. Look for candidate for student Activities Achievement Award
9. Increase number of Member/Student Contacts by 10%

PROGRAM CHAIRMAN

Submitted By: Chad Faber

Welcome Members to another year of ASHRAE. We have another year of great programs lined up which includes a tour at the end of the year. The goals of the program committee were two-fold this year. The first was to establish a committee of more than one person to organize programs, and second, to establish a schedule with committed speakers before the first meeting. I am proud to say that these goals have been met, but I am still looking for one or two more volunteers for the committee. With that said, please allow me to present this years schedule and listed topics for the upcoming year. These are not set in stone but all are firm commitments.

September:	Lab Exhaust Systems	Tony Rossi, Greenheck
October:	Boldt Construction – LEED Building Case Study	Teresa Lehman/John Coca, Boldt Construction.
November:	Fire/Smoke Dampers & Code Related HVAC Issues	Randy Dahmen, State of Wisconsin
December:	Condensing Boilers and Their Applications	Aerco Corporation.
January:	HVAC Solutions to Computer/Data Rooms	Buzz Menz, CDP
February:	DDC and LEED: How is it applicable	KGAC
March:	Natatorium HVAC Design and Heat Recovery Options	Ralph Kittler, Seresco
April:	Energy Modeling Simulation and Case Study	Rob Stone, JDR Engineering.
May:	Schoeps Tour of Cold Storage Facility	Paul Thompson, Schoeps.
June:	Golf Outing	Stoughton Golf Club

MEMBER AWARD

Submitted by: Mark Miller

During the **2005 ASHRAE Annual Meeting** in June, **James S. Elleson, P.E.** received a Distinguished Service Award for giving freely of his time and talent on behalf of the Society.

The honor recognizes participation in chapter, regional and Society activities. **Elleson** is owner of Elleson Engineering, Black Earth, WI. He is recognized for his thermal storage expertise. **Elleson** has been an investigator on four ASHRAE research projects and is a principal author of several ASHRAE publications, including

Design Guide for Cool Thermal Storage, the Cold Air Distribution Systems, Design Guide and Successful Cool Storage Projects: From Planning to Operation.



James Elleson with President Ron Vallort

James has served on the technical committee for thermal storage and district energy systems; the standards project committee that developed a performance test method for thermal storage systems the special Publication Committee and the Publishing and Education Council. Since 1998 he has guided ASHRAE's adoption of electronic communication technology as chair of the Electronic Communications subcommittee, member of two Presidential ad hoc committees and first chair of the Electronic Communications Committee.

Congratulations James!

MEETING MINUTES

Submitted by: Tim Meeker

BOG Meeting:

1. **PRESIDING OFFICER:** Bruce Kimball, President
2. **CALL TO ORDER (Time & Place)** July 26, 2005 4:08 p.m.
Babes Grill & Bar, 5414 Schroeder Road, Madison, Wisconsin

- ROLL CALL** Bruce Kimball, Chad Faber, Gene Nelson, Tim Meeker, Matt Heil, Tom James, Jeff Bolt, Mike Gall

3. **APPROVAL OF MINUTES**
 - Motion** Gene Nelson motioned to accept the June 2005 BOG and Chapter meeting minutes.
 - Second** Chad Faber
 - Vote** Unanimous
4. **REPORTS**
 - Treasurer's Report** Gene had a meeting with the certified public accountant (CPA) to discuss an audit by an independent 3rd party (Minutes of this meeting are attached. See attachment "A"). Audit and tax implications will be discussed at the August BOG meeting.

Gene has created a budget summary document and new balance sheet that shows both liabilities and assets.

As of July 26, 2005, our total net worth is \$62,294.27.

Liabilities include:

<u>Item</u>	<u>Due Date</u>	<u>Amount</u>
Fall Scholarships	09/01/05	\$3,000.00
Spring Scholarships	01/01/06	\$3,000.00

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Regional Dues	05/01/06	\$ 527.50
June BOG Expense	07/26/05	\$1,400.00

Income Sources include:

<u>Item</u>	<u>Effective Date</u>	<u>Amount</u>
Golf Outing	07/21/05	\$4,400.00
Scholarship Fund	06/30/05	\$ 313.10

Also, the Chapter has not yet paid reimbursed student Robin Maly (she has not yet submitted her expenses to the board). The payment of these expenses (up to \$750.00) was approved at the January 2005 Board of Governor's meeting.

Thru 2004-2005, the Chapter operated at nearly break even. The 2005-2006 was discussed. Bruce asked the board to review and think about the 2005-2006 budget so that it can be set at the August BOG meeting. Gene will also send out budget requests to each of the committee chairs. Things to keep in mind for 2005-2006: Potentially sponsoring students to the ASHRAE winter meeting in Chicago, allocating funds for a 3rd party audit and increasing scholarship funding.

Gene has created a budget summary document and new balance sheet that shows both liabilities and assets. The board asked Gene to look into "standard" Quicken financial reports that the BOG could possibly use. Tim and Gene to schedule a meeting with Bruce's wife (an experienced Quicken user) to get further tutorial on using Quickens more intricate features.

Committee Reports: Bruce has asked committee chairs to submit committee goals for the year. Highlights are indicated below.

Student Activities

Wayne Prior has emailed goals to Bruce (see Attachment "A"). Highlights include having a BOG member speak to a university class as well as having the Madison ASHRAE Chapter contribute a monetary prize for a student science fair winner.

Membership

Matt introduced 8 goals for the year (see Attachment "B"). Highlights include maintaining or reducing our delinquency to 15% of the previous year's total net area assigned members and promoting membership to exceed the net assigned members of the previous year. Matt would also like to the September or October Chapter meeting a "Membership" meeting. Matt will talk and coordinate with Chad Faber (Program Committee Chair)

CRC 2007

Tom reported that he and Mark Miller have been meeting on a regular basis already. Tom indicated that the committee has 7-8 volunteers already. The committee is not currently utilizing all volunteers, and will wait to do so until the workload picks up. The committee anticipates needing approximately 15-20 volunteers when CRC approaches.

Historical

Jeff Bolt is looking to produce two new company or HVAC system histories for the Historical committee (Tom indicated that the Carnes company history is close to completion. Bruce also indicated that the Strang company history is close to completion). Jeff would also like to meet PAR by January 01, 2006.

Program

The program committee has the following goals: Have all programs set for the upcoming year by the first BOG meeting (this goal has already be met, see Attachment "C" for a list of 2005/2006 Programs) and have (2) other committee members.

Research & Promotion

Al Zeller reported the following goals for the year: Running the RP raffle at the membership meetings for the upcoming year, maintaining the committee size at a minimum of 6 (not including the chair), meeting the fundraising goal provided by the society along with the high 5 goal (both of which were achieved in 2004/2005), and including more end users of our services in our solicitations.

CTTC

Mike Gall forwarded the following goals for the year: Hosting an afternoon seminar on ASHRAE Standard 90.1 (Train the Trainer), hosting a Trane satellite broadcast and invite all of ASHRAE membership, host an ASHRAE satellite broadcast, solicit the Madison ASHRAE BOG for interactions with local, state and federal officials on ASHRAE related topics (for PAOE points) and providing monthly technology updates in each newsletter.

Scholarship

Mitch Hagens will continue as committee chair. The committee will continue to award a Chapter Scholarship to worthy students. Biographies of scholarship recipients should be posted (newsletter and/or website). The BOG discussed having the committee follow-up with recent recipients.

OLD BUSINESS

PAOE Points Tom reminded everyone that PAOE points need to be inputted by July 31st. The Madison ASHRAE Chapter typically does well for its size.

5. NEW BUSINESS

ASHRAE 90.1 “Train the Trainer” Seminar

A motion was made by Gene Nelson to reimburse Jeff Bolt in the amount of \$693.94 for attendance at the ASHRAE 901 “Train the Trainer” seminar.

Second Chad Faber
Vote Unanimous

A check was written in the amount of \$693.94 written and given to Jeff Bolt at the BOG meeting.

Jeff is currently viewing ASHRAE DVD’s and other training material.

The BOG will need to schedule an ASHRAE 90.1 training session (tentatively looking at late February), in which Jeff Bolt will lead. The BOG is tentatively looking at a 4-hour training session in the afternoon before a Chapter meeting. The BOG would like to promote the event.

The BOG tentatively discussed duplicating the Train the Trainer DVD and making it available to all seminar attendees.

The BOG will work out seminar fees in the future (tentatively discussed a flat rate for ASHRAE members, a slight premium for non-members, and fee reduction for code officials).

Chapter Meetings

Discussed several ideas for the years monthly chapter meetings including:

- Highlighting a committee at the beginning of each meeting (the intent would be for the committee chair to give the general membership an update of committee happenings)
- Having the first Chapter meeting of the year a “committee sign-up meeting” with the idea that everyone signs up for a committee.
- Chad proposed that the he September meeting be the Student meeting.
- Matt proposed that the September or October Chapter meeting a “Membership” meeting.

Biographies

Bruce encouraged BOG members to complete there biographies on the ASHRAE website. Information can be as basic or detailed as the user desires. Because ASHRAE distributes research money to UW-Madison, the BOG discussed having a researcher (of which is using ASHRAE funding) either present a brief research update before a Chapter meeting or a “tech” session for the Madison Chapter. This could be coordinated with Chad and the Program Committee. Bruce will follow up to obtain a list of ASHRAE researchers at UW-Madison.

Research

Next BOG Meeting

4:00 p.m. August 24, 2005 at Babes.

6. ADJOURNMENT

5:26 pm

7. Reported By:

Tim Meeker

PROGRAM SCHEDULE

Submitted By: Chad Faber

	Topic	Location	Presenter	Event
Sep 12	Lab Exhaust Systems		Tony Rossi, Greenheck	
Oct 10	Boldt Construction – LEED Building Case Study		Teresa Lehman/John Coca, Boldt Construction	
Nov 14	Fire/Smoke Damper & Code Related Issues		Randy Dahman, State of Wisconsin	
Dec 12	Proper Designs of Condensing Boilers		Aerco Corporation	
Jan 9	HVAC Solutions to Computer/Data Rooms		Buzz Menz, CDP	
Feb 13	DDC and LEED: How Is It Applicable?		KGAC	
Mar 10	Natatorium HVAC Design and Heat Recovery		Ralph Kittler, Seresco	
Apr 10	Energy Modeling Simulation and Case Study		Rob Stone, JDR Engineering	
May 8	Schoeps Tour of Cold Storage Facility		Paul Thompson, Schoeps	
Jun 12	Golf Outing	Stoughton Country Club		Social

CHAPTER CONTACTS

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		<u>Phone</u>	<u>Fax</u>	
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SCHOLARSHIP:	Mitch Hagens	(608) 241-4328	(608) 241-2710	mhagens@naminc.com
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Advertisers Wanted!

Contact Mark Miller
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