

INFORMAIRE

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AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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MARCH MEETING

Submitted by Tom James

DATE: Monday Evening, March 8th, 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 BUILDING SYSTEM COMMISSIONING

SPEAKER: **PAUL H. STASIEWICZ, P.E.**, Commissioning / Field Services Department
Facilitator; Affiliated Engineers

TOPIC: **Building system commissioning** has been gradually gaining acceptance as an element of a successful integrated project delivery process. An increase in building system complexity and the integration of multiple building systems (energy management, fire alarm, security, lighting, etc.) into a single building management system requires a more detailed approach (i.e. commissioning) to project acceptance to ensure the highest quality and operational reliability of the facility. Additionally, retro-commissioning of existing buildings can result in significant energy cost savings.

This presentation will provide an overview of the commissioning process followed by a series of case studies and examples of typical findings during a commissioning effort.

Paul Stasiewicz received a B.S. in Civil Engineering from the University of Pennsylvania and received both an M.S and an Engineer Degree from the Massachusetts Institute of Technology. Paul is a registered Professional Engineer. Paul heads up AEI's Madison Office Commissioning Group and is also the National Commissioning Coordinator for AEI's six regional offices.

Paul has over 30 years experience in design, construction and facility management. While in the United States Navy Civil Engineer Corps, he gained extensive experience in facility acquisition planning, construction programming, design/construction contract administration, facility operations and maintenance management. As a consultant, he has applied his expertise in assisting facility owners and managers in all phases of the facility life

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

cycle. This includes the development and implementation of cost effective facility management strategies, construction project commissioning and quality assurance initiatives in project design, construction and facility management. Mr. Stasiewicz has been involved in over a billion dollars worth of construction during his career both as an owner facility engineer and as a commissioning agent.

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 March 4th** to make reservations call Tom James at (608) 845-6411 or E-mail to tjames@carnes.com.

When replying, be prepared to provide a menu choice from the following:

- 1) Roast Sirloin with five mushroom sauce, topped fresh horseradish, desert.
- 2) Herb Crusted Chicken Breast with Mediterranean salsa, desert.
- 3) Pan Seared Salmon with sautéed leeks and balsamic glaze, desert.

PRESIDENT'S MESSAGE

Submitted by: Mark Miller

Hello Members;

Region VI CRC is just around the corner, which is a sign of spring coming and the ASHRAE year-end in sight. I know it sounds premature, but planning for CRC includes summarizing the year, looking back on our activities and looking forward to things to come. Before I jump into personal sentiments, I must implore your involvement with the Chapter Regional Conference (CRC). The power we are allowed with the CRC and responsibility to voice our issues to Society are important. As a Chapter, we are allowed to submit motions at this conference to recommend to our Society leaders next year. This is an important role, which we should take seriously and utilize. I encourage you to think about ASHRAE Society and consider motions that we would like to endorse and act upon at our CRC in Rockford. Please contact Tom James or myself with your interest, so we can get you the appropriate paperwork.

This time of year is also the beginning stages of planning for our Student Scholarships. The Board of Governors has approved to provide \$5,000.00 in scholarship funds to candidates, which the Scholarship Committee selects. Our Committee Chairman, Mitch Hagens has done a great job with finding, evaluating and awarding scholarships to students interested in our industry. I applaud him on his work and support him and his committee in their efforts in future years.

The Underfloor Ventilation Seminar this past month went over great! We had just under 50 participants and received many positive comments. The attendance was diverse with consulting engineers, contractors, building operators and interior furnishing representatives. The facilities were wonderful and the product displays informative. I extend many thanks to Tom James, Michel Robert and Chad Faber for their work on this impromptu committee.

Our Program Chairman, Tom James is in the process of pulling off another great event for April. He has made arrangements to tour the Dane County Airport Expansion. I am excited about this tour opportunity and encourage you clear your schedule for this event. Look for more information next month.

Thank you and I look forward to seeing you in March.

Mark F. Miller- President, Madison Chapter

BOARD OF GOVENORS TREASURERS REPORT

Submitted by: Bruce Kimball

Madison ASHRAE Treasurers Report

February Report

Merrill Lynch WCMA Account

(This account is dedicated to Student Scholarships with the goal of growing the account to become self sufficient. Typically all monies from the Golf outing are put into this account. This account is actively managed with a conservative equity/bond allocation.)

Balance as of 1/30/04 \$40,107.73

Merrill Lynch Chapter Account

(This account contains funds for the operation of the Madison Chapter. These funds are conservatively invested in CDs, and other very stable, but liquid, funds.)

Balance as of 1/30/04 \$22,929.73

First Federal Checking Account

(This account is for the daily operation of the Chapter)

Register Ending Balance 1/31/04 \$1439.80

Credits/Deposit;

\$540 Jan Meeting income

Debit/Checks;

\$1094.71	Biaggi's - Jan Meeting expense
\$577.25	Kitchen Hearth - Dec Meeting expense (carry-over)
\$500	ASHRAE Research – Donation to National (Full Circle)
\$33.54	Tom James – Seminar Committee expenses
\$500	Dan Bell – Scholarship Award recipient
\$500	Daniel Bergmann – Scholarship Award recipient
\$500	Jacob Ben-Poorat – Scholarship Award recipient

Pending Credit/Deposit;

\$1500	transfer from the WCMA account to the checking account for the scholarship checks.
\$240	Chapter Dues from ASHRAE National
\$500	ASHRAE Research Full circle reimbursement
\$2100	Feb Seminar and Chapter meeting income

Debit/Checks;

\$196.55	Mark Miller – Feb Seminar Advertisement expense
\$76.00	Tom James – ASHRAE Underfloor Design Guide
\$1934.68	Tom James – Feb Seminar and Chapter meeting expense

Respectfully submitted by Bruce Kimball, 2003/2004 Treasurer

TEGA-Technology Awards Application Submitted By: Mike Gall

Dear Members, it is getting close to the deadline for submitting applications for TEGA's Technology Award. **Award applications are due to the Chapter's TEGA Committee Chair, Mike Gall, by April 15.** Winners from our Chapter will be sent on to our Regional TEGA Vice-Chairperson by May 15. National Awards for Technology will be given out during ASHRAE's Winter Meeting.

The Purpose of the Technology Awards is to:

- Recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data,
- Communicate innovative system designs to other ASHRAE members,
- Highlight technological achievement of ASHRAE to others, outside of ASHRAE.

I am including the Short Form for application to the Technology Award. This form only requires **two pages** of summary of the project, along with a diagram or schematic of the system. If selected as a winner in the Regional competition, you will have the option to revise your application to a maximum of twelve pages describing your system/design (don't worry, you will have plenty of time to complete this part if selected). We are hoping to get as many applicants as possible, so please take a look at the form and decide if any of your projects meet the requirements. It should only take a few hours to fill out the application, and to summarize your project.

Thanks for your interest, and please contact me if you have any questions.

Mike Gall - TEGA Chair

RESOURCE PROMOTION Submitted By: Al Zeller

March will bring another adventure for raffle tickets. Be prepared and bring some cash to purchase tickets!

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

Mail Check To: ASHRAE RESOURCE PROMOTION c/o Al Zeller 6107 Exchange Street McFarland, WI 53558	<p><i>You can designate where your contribution goes:</i> _____ 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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INDIVIDUAL	\$25.00	\$50.00	\$75.00	\$100.00							
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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.

Here is the schedule for CRC in Rockford. Please plan on joining us!

<p>Thursday, April 29, 2004</p> <p>Noon - 6 pm Registration 1:30-3 pm Caucus 1:45-2:45 pm Region 6 Executive Committee 3-5 pm Business Session #1 6-9 pm Hawaiian Welcome Party / Pig Roast Prizes for best Hawaiian attire!!!!</p> <p>Friday, April 30, 2004</p> <p>8 am-3 pm Registration 8-10 am Business Session #2 9-11:45 am Technical Sessions Variable speed Pumping ASHRAE 62 Addendum/IAQ BAC NET VS LONWORKS Noon-1:30 pm Presidential Luncheon 2-3 pm Business Session #3 2-5 pm Technical Sessions and Tour of Invensys Plant 5:30-6:30 pm Social Hour 6:30-9 pm Banquet and entertainment</p> <p>Saturday, May 1, 2004</p> <p>8-9 am Registration 8-9:45 am Workshops 9:45-10 am Break 10-11:45 am Workshops Noon-1:30 pm Awards Luncheon 1:45-3 pm Executive Session</p>	<p><u><i>Companion Activities</i></u> Thursday April 29, 2004</p> <p>6-9 pm Hawaiian Welcome Party / Pig Roast Prizes for best Hawaiian attire!!!!</p> <p>Friday, April 30, 2004</p> <p>9-2 pm Trip to Klemm Arboretum Speaker Luncheon Guided garden walk</p> <p>5:30-6:30 pm Social Hour 6:30-9 pm Banquet and Entertainment</p> <p>Saturday, May 1, 2004</p> <p>9-11:30 am Trip to Crimson Ridge</p> <p>Noon-1:30 pm Awards Luncheon</p>
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Here is the website for access to this and more information:

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

SATELLITE BROADCAST

Submitted By: Mark Miller

The Madison Chapter is arranging several sites to host the satellite broadcast on **HOMELAND SECURITY FOR BUILDINGS** on **APRIL 14th** from 11:00 AM to 2 PM (12:00 EST). Although we do not have them confirmed, tentatively we will be planning sites at **The Trane Company**, a **UW-Madison** location and **Marshall Erdmann & Associates**. We will send out more details either in next month's INFORMAIRE or through our E-mail/fax distribution. Keep a look out for the details.

Attached to this newsletter, is a brochure regarding the broadcast. The following overview also touches on the content. Join us at one of the sites for this important topic and valuable information!

Topics will include risk assessment, chemical, biological and radiological (CBR) protection such as envelope tightness, ventilation systems, particle filtration and gas absorption, pressure relationships and building interior partitioning, and an update on building codes and standards as they relate to CBR.

Through the broadcast, ASHRAE will offer guidance to:

- Reduce the threat of terrorism by introducing risk management methods for building protection;*
 - Reduce the threat of bioterrorism by introducing new methods to use in buildings;*
 - Educate building owners on the costs vs. the benefits of improved air filtration and the efficacy of currently available protective measures.*
- Details regarding the date and time of the broadcast, tentatively scheduled for spring 2004, will be announced soon. The program will feature a computer uplink where participants can e-mail questions and comments during the live question and answer session.*

SEMINAR ANNOUNCEMENT

Submitted By: Mark Miller

Central Illinois Chapter of ASHRAE is providing a technical symposium on **Dedicated Outside Air Systems** on **March 19th**. Dr Stanley Mumma, Ph.D, PE is an ASHRAE Distinguished lecturer from the Architectural Engineering school of Penn State University. The attached announcement will provide the details of this event at The Country Club of Peoria in Illinois. It sounds like a great discussion amidst the many ventilation demands we are currently and will continue to be under.

Consider joining them on Friday the 19th!

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	
Mar 8	Building Commissioning	Marriott Madison West	Paul H. Stasiewicz Affiliated Engineers	
Apr 12	Dane County Airport Tour	Dane County Airport Chiller Plant Construction	Mead & Hunt, General Heating & Trane Co.	Student
May 10	Ethics and the Economics of Energy Conservation	Nakoma Country Club	William Coad Past Society President	TEGA
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



5600 Old Greenwood Road
Fort Smith, AR 72917-7010

INFORMAIRE

Newsletter Distribution is to
over 240 key HVAC individuals
monthly!

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)

