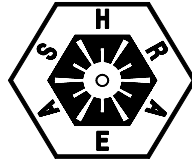


THE BADGERAIRE

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS, INC.

Corey Metzger
David Grassl
Lorisa Behrens
Maggie Roll

President
Vice President
Secretary
Treasurer



Aaron Ting
Michelle Haines
Steven Hagman
Maggie Roll

Director
Director
Director
Editor

A PUBLICATION OF THE WISCONSIN CHAPTER OF ASHRAE

Volume Number 1, September, 2006

September Dinner Program – Clean Room Applications

Thursday, September 21, 2006

The September chapter meeting will be a presentation on hospital clean room applications, focusing on the evolution of air distribution techniques. The presentation will be performed by Kieran Donohue of Midwest Air Distribution Corporation. We look forward to seeing you for our first meeting of the year on the 21st.

Program Location

Saz's
5539 West State Street, Milwaukee, WI

Registration: 5:00 p.m. – 5:30 p.m.

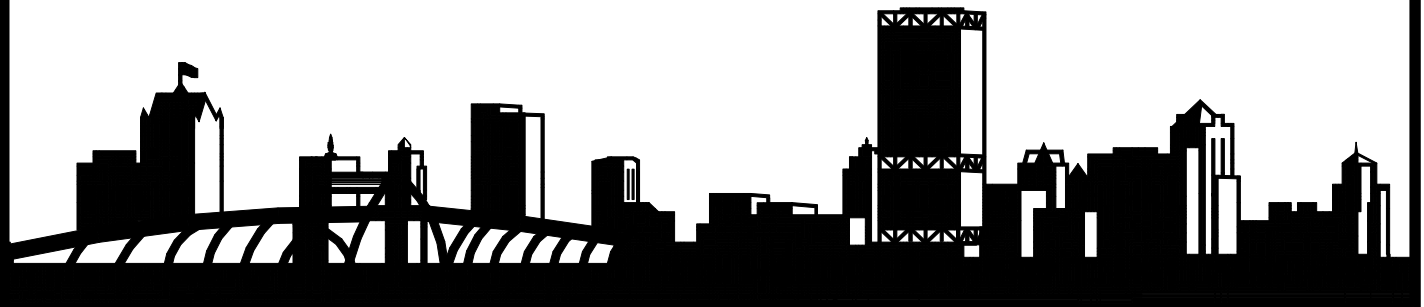
Program: 5:30 p.m. – 6:30 p.m.

Dinner: 6:30 p.m. – 8:00 p.m.

**The program cost of \$20.00 will include dinner.
Checks should be payable to the “Wisconsin Chapter of ASHRAE”.
Details of this program can be found on the program page.**

PLEASE MAKE YOUR RESERVATIONS ONLINE AT WWW.ASHRAE-WI.ORG OR TELEPHONE YOUR RESERVATION TO MAGGIE ROLL @ 414.778.7422. IF CALLING IN YOUR RESERVATION, PLEASE SPELL OUT YOUR LAST NAME ON THE MESSAGE. PLEASE HAVE YOUR RESERVATIONS IN BY CLOSE OF BUSINESS, MONDAY, SEPTEMBER 18, 2006.

THANK YOU



PRESIDENT'S COLUMN

It is my distinct pleasure to welcome all of the members of the ASHRAE Wisconsin Chapter to the start of the 2006-2007 year. I am very excited about the coming year for our local chapter and I hope you will agree after reading this edition of the Badgeraire.

Before I get into what is in store for the coming year, please join me in thanking our past President Hussein (Sam) Badani for making the 2005-2006 ASHRAE year very successful for our chapter. The chapter Officers, Committee Chairs, and Board of Governors are hoping to build upon the successes of last year while also implementing some new ideas in an attempt to provide our membership the highest possible level of service.

One of our primary goals for the year is to increase attendance at meetings and programs. We hope to do this by making our meetings technically appealing and by making ASHRAE meetings an enjoyable place to socialize with others in our industry. There is a list of program topics and dates included in this Badgeraire. Along with our normal lunch and evening meetings, we will be holding one day-long seminar in March. We also plan on having additional activities this year for local student members and Young Engineers in ASHRAE (YEA).

Beyond our meetings and programs, we are trying some other ideas that we hope will be well received. Work is underway to put together a new Product Guide and Member Directory, which we believe will be very useful to the membership. This directory will be provided to each member of the chapter as a benefit for being an ASHRAE member. A new interface for the website should be rolled out sometime in the next few months. We are also trying to revive our History Committee and have merged some other committees in order to streamline our volunteer workload. We are looking for people who would like to get more involved in the Wisconsin Chapter of ASHRAE by joining committees.

As I stated before, I hope you will be excited by the opportunities that will be available to you in your chapter of ASHRAE this year. If you have any questions, comments, or concerns, or if you are interested in becoming involved in a committee, please feel free to contact me at any time. Thank you and I look forward to seeing you at our September meeting.

Corey Metzger
Wisconsin Chapter of ASHRAE President
corey-metzger@mchsi.com

Attention "Young" Members

ASHRAE has begun a new program for young (or young at heart) ASHRAE Members. YEA (Young Engineers in ASHRAE) is a program focused on developing members under 30. Be on the look out this year for special YEA sessions before or after meetings. These sessions will include anything from technical programs aimed at younger engineers to opportunities to socialize with other engineers under 30.

To sign up for YEA information, go to www.ashrae.org and click on the Student Zone menu, at the bottom you will find a link for Young Engineers in ASHRAE. From there you can get on the YEA discussion board, see a list of other YEA members and view the quarterly news letter.

Membership & Product Directory

To better serve our members and the local companies who serve them, this year the Wisconsin Chapter is putting together a Membership and Product Directory for all its members. The intent of this Directory will be to provide better communication between manufacturers and their sales representatives, engineers who specify products, contractors who purchase and install the equipment, and other interested parties.

The content of the Directory will include all 2006-2007 ASHRAE Wisconsin Chapter members with contact information and company listings of local product manufacturers and representatives who purchase an Ad for Product/Service Listing.

The Cost of an Ad/Product Listing will be \$100.00, which would allow local manufacturer representatives to list all their product lines. All Wisconsin Chapter members and Advertisers will each receive one (1) free copy of the Directory, while additional copies may be purchased for \$5.00. Templates for the Product Listing are available upon request. All Ads must be received by **September 29**,

2006 in order to ensure the Ad will appear in the 2006-2007 Membership and Product Directory.

For members who wish to omit their names and contact information in the Directory, to request a template for an Ad, or for more information, please contact David Grassl at (414) 266-9231 - david.l.grassl@gasai.com or Corey Metzger at (414) 778-7430 – corey-metzger@mchsi.com.

***ASHRAE Research Strategic Plan 2005-2010
Navigation for a Sustainable Future***

A prominent economist, Jagdish Bhagwati gave a frustrated view of ‘sustainability’ in his book on globalization:

“Even God does not know what Sustainable development means. It has become the nonsensical, anything-you-want-it-to-mean term today that socialism was in the 1960s and 1970s.”

He makes a point of interest to us in the building industry. We hear more about ‘sustainable development’, ‘being green’, ‘the triple bottom line’ and multiple ‘green building’ rating systems. The references often are accompanied by claims that ‘this building is greener than that one’; ‘this product will make your building greener and more sustainable’. And, of course that adding this new requirement to building design, construction and operation will come at a cost premium to the owner!

As you are all aware, ASHRAE has gone green. ASHRAE Research has established a Strategic Plan based upon developing a ‘Sustainable Future’. And, our ASHRAE President’s address made a promise that ASHRAE engineers would lead the way to this ‘Sustainable Future’. It is interesting to note that while there is not agreement on a definition of ‘sustainability’, both works are generally aligned in actions that engineers can take to address the challenge.

With this year’s ASHRAE Chapter program I would like to raise a challenge for us in the Wisconsin Chapter to develop a better understanding of sustainable development, to work through the claims to find how we can indeed lead the way to that sustainable future in our local community. We will review ASHRAE Research and ASHRAE activities related to sustainable development, but I am also asking that you share your views and activities. I promise to share your thinking with our

readers fairly, to my best ability and within the limits our newsletter.

Please contact me via my email. I am eager get the discussion going.

Jude Anders

Email: judeanders@sbcglobal.net

P.S. To start, let me state that my view is that ‘sustainability’ is simply a means of recognizing that economic progress, environmental stewardship, and social opportunity are part of one dynamic social system. And I do believe that sustainable development, an integrated design, with lean operations is the way to deliver our best in the building industry. There is no ‘premium for being green’. Please let me know your thoughts.

ATTENTION!

Saving Energy in Hydronic Systems

On March 15th, 2007 the Wisconsin ASHRAE Chapter is pleased to announce they will be sponsoring a day-long seminar on Saving Energy in Hydronic Systems. The featured speaker for the seminar will be Roy Ahlgren, the Director of the ITT Fluid Handling’s Training & Education Department teaching courses in steam and water system through ITT Bell & Gossett’s Little Red Schoolhouse. He is a past chairman of the ASHRAE Technical Committee TC6.1 Hydronic and Steam Equipment and Systems. Roy is also the author of many booklets and articles on Fluid Handling topics.

With the recent and continued push within ASHRAE to design and incorporate energy efficient systems; this seminar will assist in energy saving techniques through pumping applications. This practical course will be a great opportunity to focus on pump fundamentals, hydronic systems, pump selection, parallel & series pumping, system control, system balance, primary-secondary pumps, air management, open and closed systems, and the use of variable flow systems.

Location and prices for the seminar are to be determined at a later date, with food and beverages for the entire day. Options will be available for half-day attendance at a reduced rate. Look for sign-up options next month.

WISCONSIN CHAPTER OF ASHRAE
 MAGGIE ROLL
 10101 INNOVATION DR., SUITE 200
 MILWAUKEE, WI 53226



MEETING DATE / THEMES	LOCATION	TOPIC	SPEAKER
September 21, 2006	Saz's	Clean Room/Hospital Applications	Kieran Donahue
October 19, 2006	O'Donoghue's	Milwaukee County Central Plant Tour	John Hyland
Wednesday, November 15, 2006 Evening Meeting	Buca Di Beppo's	Sustainability in Design – A Tour of Johnson Controls @ JCI Brengel Center	TBA
December 1, 2006 Holiday Dinner Dance	Westmoor Country Club	N/A	N/A
January 18, 2007 Evening Meeting	Alioto's	Standard 62.1 – 2004	Dennis Stanke
February 15, 2007 Lunch Meeting	MSOE	Wisconsin Code Review	Randy Dahmen of the Wisconsin Dept. of Commerce
March 15, 2007 All day Seminar	TBA	Energy Savings in Hydronics	Roy Alghren
April 19, 2006 Evening Meeting	TBA	Evaporative Cooling Techniques	TBA
May 17, 2007 Evening Meeting	Milwaukee County Zoo	Tour of a Cold Storage Facility or Milwaukee County Zoo	TBA

All meetings will be held the third Thursday of every month, except December.

*Please note: This is a tentative schedule; topics may be subject to change.