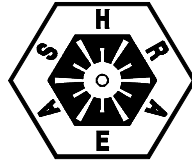


THE BADGERAIRE

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

Hussein Badani (Sam)
Corey Metzger
Tom Cappellin
David Grassl

President
Vice President
Secretary
Treasurer



Maggie Roll
Mike Jahner
John Meyer
Maggie Roll

Director
Director
Director
Editor

A PUBLICATION OF THE WISCONSIN CHAPTER OF ASHRAE

Volume Number II - October, 2005

October Dinner Program: Alternative Solutions for Energy Conservation Thursday, October 20, 2005

As HVAC consulting engineers we have to make economic decisions that have long-term consequences for the owner, local community and global environment. But in some cases it is possible to minimize economic and environmental impact without sacrificing IAQ, comfort or maintainability of the HVAC system while controlling initial capital investment. Our featured speaker this month, Mr. Lev Zevenyach, Vice President of IBC Engineering Services, shall discuss a number of the options such as: geothermal heating and cooling, indirect evaporative cooling, lake water-cooling, absorption steam from waste process or thermal power plant for space heating and cooling, demand based ventilation (decoupled) with or without heat recovery, computer modeled envelope and building performance, and recessed static pressure or "end user" demand fan and pump flow control.

Lev has more than 20 years of experience including both national and international projects. Lev is a passionate professional who believes his work should be highly efficient with minimal impact on the environment. His talent has been honored with a number of prestigious awards, including two ASHRAE Technology Awards for his work on the Chicago Center for Green Technology and The Lynde and Harry Bradley Technology and Trade School.

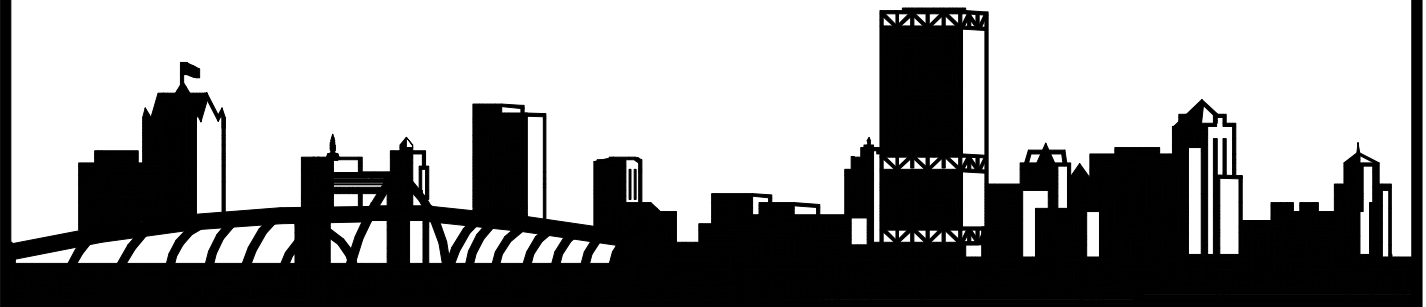
Program Location
Charcoal Grill
15735 W. Greenfield Ave.
Brookfield, WI

Registration/Social Hour: 5:00 p.m. – 6:00 p.m.
Meeting/Dinner: 6:00 p.m. – 7:30 p.m.

The program cost of \$25.00 will include entrée choice of wood grilled chicken breast, boneless pork chop, vegetable pasta, or salmon and a side dish choice of roasted red potatoes or rice blend.

Checks should be payable to the "Wisconsin Chapter of ASHRAE".

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 AND LIST YOUR MEAL CHOICE. PLEASE HAVE YOUR RESERVATIONS IN BY CLOSE OF BUSINESS, MONDAY, OCTOBER 17, 2005.
THANK YOU



PRESIDENT'S COLUMN

I want to thank all those that attended last month's meeting at the Miller Brewing. The tour, food, and drinks were great. I saw a lot of new faces and many consistent members. I would like to thank Joe Luchessi for making the arrangements for the tour.

In a means to trim our expenses, we are looking to send out all our newsletters and news bulletins via e-mail. Currently, we are sending about 75% of all our info via e-mail and 25% through snail mail. Let's survive to make this 100%. Please provide your email address to any member of the board and help us "go paperless"!

Again, please contact me or any member of our board if you have any questions or comments on making your chapter better. We are looking at moving the chapter and its operations in a positive direction. We need our membership's insights and opinions to guide that direction. Thank you and see you at the October meeting.

Hussein Badani (Sam)
Wisconsin Chapter of ASHRAE President
Sam.Badani@triadengineering.com

when we find out who last paid for their web address...)

Sharing a common web server has allowed us to expand resources to Chapters of all sizes while reducing overall cost. If you haven't noticed the benefits yet, you will in this Chapter year. We have listserv mail that will allow us to deliver professional newsletters and announcements to you without interference from spam filters. We have also developed an online database system that will facilitate online meeting registration. Our database is also synchronized with Society to keep your membership records current in your local Chapter. For you technology nerds or those worried about security, our database is very secure behind a 128-bit SSL encryption.

We have also started a web forum www.ashrae6.org/forum that is dedicated to Chapter/Regional communication. Feel free to use the forum for events in your chapter, ask questions or post comments region-wide, you can even post a job opening. Check back frequently as more and more features are being added every week. If you have experience with web design or would like to learn, volunteers are needed for the Regional e.Committee. Please contact Benny at webmaster@ashrae6.org.

MEMBERSHIP NEWS

We are proud to announce that Joel E. Ruprecht and Robert D. Zeman have been certified as LIFE MEMBERS. Please accept our congratulations and appreciation for your dedication to ASHRAE.

CHAPTER AND REGIONAL ONLINE SERVICES

The Region VI e.committee has spent the last year organizing a shared web service for Chapters. While your Chapter web address didn't change, it was moved to a shared web server under the www.ashrae6.org parent site. Chapters that have successfully transferred include: Central Illinois, Illinois, Iowa, Madison, Minnesota, Mississippi Valley, Northeast Wisconsin, Rockford, St Louis, and Wisconsin Chapters. (We'll get Cedar Valley

REGION VI WEB SPONSORS

www.ashrae6.org is now accepting Sponsors for the web site. www.ashrae6.org is the main site for the CRC as well as our Regional Forum. Based on traffic from the end of the 2004-2005 year, when we had 50% of Chapters under the ashrae6 domain, we saw over 10,000 hits per month. With 10 of 12 Chapters in Region VI now operating on the ashrae6.org server, we estimate that our domain will average between 15,000 and 20,000 hits per month this year. This makes www.ashrae6.org a hot spot for your company logo. Sponsors are selling for \$200 for the year and will be required to follow the ASHRAE business card sponsor requirements. We will post your logo on a banner on the web forum as well as a dedicated sponsorship page. For more information on becoming a sponsor, please contact Benny at webmaster@ashrae6.org

**ASHRAE CHAPTER MEETING
September, 2005 – Miller Brewery Tour**



This year’s program schedule started Thursday, September 22 with a tour of our own Miller Brewery – from the inside out the way engineers like it! Mike Lozano, Plant Services Manager gave our ASHRAE group a personally guided tour behind the scenes at the plant. In a plant where ‘Refrigerator’ is a label you give to a building and one that has been around long enough to have a building called ‘Stables’, you expect something different. Mike provided added insights to the challenges his team faces in maintaining the plant in top operating condition.



Mike and Miller Brewing were great hosts for our first meeting. All in attendance want to express their thanks to them. As always, those present were able to learn something new and share experiences on the tour. And, the stop at the Miller Inn after the tour topped off the evening with some good Miller beer, good food from Saz’s, and good camaraderie that makes our engineering community a good place to be.



NEXT MONTH’S MEETING

We are very fortunate to have William Coad, P.E., a former Society President and ASHRAE Distinguished Lecturer coming to speak to our chapter on November 17th. In an effort to gain as much benefit from Mr. Coad's presence as possible, we will be having two sessions for this meeting. We will have a Tech Session beginning at 4:00 on "VAV System Design: Problems and Opportunities" which will be a somewhat informal and interactive type session. After the Tech Session, we will have dinner, followed by Mr. Coad's Presentation on "The Ethics and the Economics of Energy Conservation." We strongly encourage everyone to attend this meeting, as Mr. Coad is an excellent speaker with a wealth of knowledge.

A satellite broadcast is being offered by ASHRAE on April 19, 2006 to fulfill its goal of promoting building sustainability as a means to provide a safe, healthy, comfortable environment while simultaneously limiting the impact on the Earth’s natural resources.

The official webpage for the ASHRAE "Sustainability and the Building Environment" Satellite Broadcast/Webcast is available at <http://www.ashrae.org/greenbuildingsbroadcast>. The webpage features information regarding the broadcast presenters and moderator, Frequently Asked Questions, on-line registration dates, the tentative broadcast agenda, and ASHRAE "Green" publications, courses, and Distinguished Lecturers.

TECH CORNER

In Hot Water is a newsletter about efficient water heating and **heat pump water heaters (HPWH)**. This publication is sponsored by the U.S. Department of Energy's Emerging Technology Program, through Oak Ridge National Laboratory, and distributed without charge by email and through their website www.InHotWater.org. Please visit the website for more information on this newsletter. It seems to be a useful tool for our industry.

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



MEETING DATE / THEMES	LOCATION	TOPIC	SPEAKER
October 21, 2005	Charcoal Grill, Brookfield	Alternative Solutions for Energy Conservation	Lev Zevenyach, Vice President of IBC Engineering Services
November 17, 2005 Evening Meeting	TBA	The Ethics and Economics of Energy Conservation	William J. Coad, P.E., ASHRAE Distinguished Lecturer
December 05, 2005 Holiday Dinner Dance	Polish Center Franklin, WI	N/A	N/A
January 19, 2006 Research and Promotion	TBA	Wisconsin Code Review	Randy Dahmen of the Wisconsin Dept. of Commerce
February 16, 2006	TBA	Joint AIA Meeting	TBA
March 16, 2006	TBA	Indoor Air Quality	TBA
April 19, 2006 1:00-4:00pm	Webcast	Sustainability and the Building Environment	Joe Van Belleghem, CA, Kevin Hydes, P.Eng., P.E., Hal Levin, Malcolm Lewis, P.E., and Jean Lupinacci
April 20, 2006 Student Day	TBA	WE Energies	TBA
May 18, 2006	TBA	Joint CSI Meeting	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.