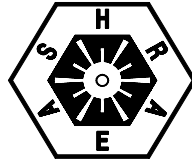


THE BADGERAIRE

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

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A PUBLICATION OF THE WISCONSIN CHAPTER OF ASHRAE

Volume Number VI – March, 2007

March Program: Saving Energy in Hydronic Systems with Roy Ahlgren **Thursday, March 15, 2007**

The much anticipated day-long program of Saving Energy in Hydronics Systems is finally here! On March 15th, 2007 the Wisconsin ASHRAE Chapter is pleased to welcome Roy Ahlgren to discuss Saving Energy in Hydronic Systems. Roy is 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 in Morton Grove, Illinois. He is also the past chairman of the ASHRAE Technical Committee TC6.1 Hydronic and Steam Equipment and Systems and an 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 pumping applications, refresh on pump fundamentals and discuss system design all in an effort to reduce energy.

Handouts will be provided and food and beverages will be served for the entire day.

Program Location

Doubletree Hotel
18155 W. Bluemound Road
Brookfield, WI

Registration: 7:15 a.m. – 8:00 a.m.

Program: 8:00 a.m. – 5:00 p.m.

Prices:

Full-Day Attendance - \$75 ASHRAE Member
(\$100 Non-ASHRAE Members or at the door)

Half-Day Attendance - \$40 ASHRAE Member
(\$50 Non-ASHRAE Members)

TO SIGN UP FOR THIS SEMINAR, PLEASE GO TO WWW.ASHRAE-WI.ORG, CALL DAVID GRASSL AT (414) 266-9231 OR EMAIL AT DAVID.L.GRASSL@GASAI.COM. PAYMENT IS DUE BY EITHER MAILING A CHECK OR UPON REGISTRATION AT THE SEMINAR. PLEASE MAKE CHECKS OUT TO "WISCONSIN CHAPTER OF ASHRAE".

THANK YOU



PRESIDENT'S COLUMN

Hello everyone. I hope none of you have sustained any serious back injuries shoveling all of the snow that has fallen on Southeastern Wisconsin recently. Please join me in thanking Randy Dahmen for presenting at our February meeting. His code update program was entertaining and informative as always.

This month we will be holding a day long seminar presented by Roy Ahlgren, Director of ITT Fluid Handling's Training and Education department, which includes the Little Red Schoolhouse. The topic Mr. Ahlgren will be speaking about is "Saving Energy in Hydronic Systems." Mr. Ahlgren is the past chair of ASHRAE Technical Committee 6.1 Hydronic and Steam Equipment and Systems, and has authored numerous articles and publications concerning hydronic systems. For those of you who have not had the opportunity to attend one of the courses at the Little Red Schoolhouse this seminar should be very enjoyable and educational.

We continue to be very excited about our upcoming meetings for the remainder of the year. In April Allan Bassett, of Bassett Air Quality, will be presenting a technical session on demand controlled ventilation technologies, and Mark Lentz, President of Lentz Engineering Associates, will be presenting the main program about the implications of ASHRAE Standards 90.1 and 62.1 with respect to VAV systems. In May Julian de Bullet, Director of Industry Relations for McQuay International and an ASHRAE Distinguished Lecturer, will be sharing presentations on energy analysis in building design and green HVAC design. Continuing education credits will be available at each of these meetings. We are also planning on having a tour of the Pettit National Ice Center along with some socializing, including families and friends, in June.

As I mentioned last month, the Region VI CRC is being held in Madison from May 3rd through May 5th. If you have not been to a CRC or if it has been a while, this will be a great opportunity to attend. The Madison Chapter appears to have a great schedule put together including a number of options for technical sessions on Friday May 4th. If you are interested, more information is available at

<http://www.ashraemadison.org/crc2007.htm>.

We may try to help coordinate car pooling to help minimize costs for anyone who is interested. More information will be available within the next month.

We will be having our second YEA/Student Chapter social function for the year on Thursday, March 22 in the evening. We had a good turnout for the first gathering and hope to have even better attendance this time. All chapter members are welcome to attend the meeting, even if you don't quite qualify to be a YEA member. Final time and location information will be sent out by email soon.

If you have questions about any of the information in this newsletter please feel free to contact me at any time. I look forward to seeing you at our meeting on March 15th. Thank you.

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

WISLINE WEB INVITATION

You are invited to attend the following webinar using the Wisline Web Conference Center:

“ Get Energized: On-Site Renewable Energy in LEED Projects”

Friday March 23, 2007

10:00 am to 1:00 pm

Wisline Web: training without the carbon footprint from the comfort of your desk

The purpose of the program is to educate the design community and private and public sector developers and owners about incorporating on-site renewable energy into their LEED projects. As a result of the program you will:

- Be familiar with existing renewable technologies and applications in LEED projects
- Understand how to integrate renewables into energy models
- Understand the economic and environmental benefits of renewables in LEED projects
- Have case studies from the Midwest in your tool box

Registration is \$55.00 for each download, so a firm can project this web program to a room full at the single connection fee.

For more information on this program, go to <http://www.focusonenergy.com/calendar/event.jsp?pageId=1&categoryId=&eventId=973>. For any questions regarding registration contact Angela at 608 265-9585.

This program is funded by Focus on Energy ([focusonenergy.com](http://www.focusonenergy.com)) and hosted by UW-Extension (shwec.uwm.edu)

Continuing Education Credits Available

NORTHEAST WISCONSIN CHAPTER NEWS

The Northeast Wisconsin chapter of ASHRAE will also be hosting a day long seminar in March. Their seminar will be on the topic "Integration of Sustainability/Green Principles into Design." The seminar will take place on March 20, 2007 at the Bemis Center, St. Norbert College Campus. For more information on this

seminar, please go to <http://www.newwisconsinashrae.org/program.htm>.

MEMBERSHIP NEWS

We'd like to welcome our newest members to the local chapter. If you see these members at any of our meetings, please make sure to say hello and thanks for joining.

Paul Berg
Rebecca Bornowski
Gary Hammerling
William Hoover
Matthew Letto

And don't forget about the students! At last month's meeting we had 7 MSOE students come out to hear Randy Dahmen talk. Please encourage more students to come to our meetings...they are paid for by the chapter! Welcome to our newest student members:

Travis Begley
Ryan Imbach
Stephen Schmitz
Kyle Schmocker

ATTENTION

Are you looking for a new employee?
We accept classified listings for job opportunities in the HVAC industry. If interested in posting a classified, please contact Maggie Roll at mroll@ringdu.com or 414.778.7422. The charge for a classified is \$175/month to be used towards Research Promotion and Student Activities.



HVAC Engineer Full Time

Milwaukee Stove & Furnace Supply Company, based in Milwaukee with branches in Rockford, Wausau, Madison, Green Bay & LaCrosse, is a wholesale distributor of HVAC equipment and supplies since 1922. The Milwaukee location has a HVAC Engineer position available immediately, due to expansion.

The principle requirement of an effective HVAC Engineer is an overall ability to meet the needs of residential and commercial customers while satisfying corporate objectives. Position requirements include:

- ❑ Customer Service
 - Design/Build market
 - Plan & Spec market
 - Building customer relationships
 - Competitive job quoting
 - Effective quote follow-up
 - Process/expedite customer orders
 - Application and service problem solving
- ❑ Engineering
 - Heat gain/loss calculations
 - Envelope compliance calculations
 - Design calculations
 - Equipment selection and application
 - Autocad drafting and specifications
 - Submittal preparation
 - Site survey

The HVAC Engineer is in place to support the sales of equipment and design services. This requires a team approach with both the outside and inside salespeople and/or an individual approach requiring the engineer to make field sales calls on contractors, builders and engineers. Minimum requirements for employment include: PC literacy, great communication skills experience in design, customer service and project management. Salary is commensurate with experience. A complete benefit package is available. Registration as a Professional Engineer or Designer is desired, but not required.

All interested applicants should forward their resume in confidence to:

Larry Groser, P.E.
Engineering Team Leader
Milwaukee Stove & Furnace Supply Co.
5070 W. State Street
Milwaukee, WI 53208
Phone: 414.258.0300
Fax: 414.258.8552
Email: lsg@mstove.com

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



MEETING DATE / THEMES	LOCATION	TOPIC	SPEAKER
March 15, 2007 All day Seminar	Doubletree Hotel	Energy Savings in Hydronics	Roy Alghren
April 18, 2007	WEBCAST 12pm-3pm	Indoor Environmental Design: Practical Solutions to Everyday Problems	
April 19, 2007 Evening Meeting	TBA	Implication of Standard 62.1 and 90.1 on VAV Reheat Systems	Mark Lenz
May 17, 2007 Evening Meeting	TBA	Energy Analysis: Option or Necessity?	Julian deBullet
June Evening Meeting	Pettit Center	Pettit Center Tour and Ice Skating	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.