

INFORMAIRE

Mike Schmidt joined Arnold & O'Sheridan in 1984. He is a LEED™ Accredited Professional and is a registered engineer in Iowa, Michigan, Ohio, and Wisconsin. He is also a registered architect in the state of Illinois and Wisconsin. Mr. Schmidt has experience in the structural analysis and design of commercial and institutional buildings with wood, masonry, steel, and post-tensioned, precast and cast-in-place structural systems.

At Arnold & O'Sheridan, Mike is responsible for project management and coordination of all engineering disciplines for assigned projects. He has coordinated and supervised the development of structural working drawings and supervised projects from preliminary concept through substantial completion with particular emphasis on field observation and construction supervision.

Mike's technical skill is coupled with an instinctive grasp of the "big picture", which gives him the ability to supervise a complex project from concept to completion.

RESERVATIONS: Please RSVP to Gene Nelson at Affiliated Engineers (608-236-1232) or email gcnelson@aeieng.com no later than **5:00 p.m. Wednesday, March 7th**. There is no charge for local non-delinquent paying members. Guests will be asked for \$30 donation to help offset the cost of meetings.

Dinner: Famous Dave's Bar-b-que catered dinner with St. Louis style ribs, country roasted chicken, homemade corn bread muffin, creamy coleslaw, Northwoods beans, and a hot fudge Kahlua brownie. We wish to thank RenewAire for contributing their business place for the meeting and for providing the beverages.

Local Members and Students may attend at no cost. Non-members and delinquent paying members cost is \$30 for dinner and the featured program, which is paid at the door. Please make checks payable to Madison ASHRAE Chapter.

Madison Chapter of ASHRAE "No Show" Policy: In an effort to control meeting costs, members who fail to show and fail to cancel by **NOON FRIDAY** the week before, will be asked to contribute \$30 to recover the meal costs incurred by the Chapter. Checks are made out to Madison ASHRAE Chapter and mailed to Tim Meeker, c/o JDR Engineering, 2809 Fish Hatchery Road, Suite 201, Madison, WI 53713.

PRESIDENTS MESSAGE

Submitted By: Chad Faber

I would like to thank those people who have stepped up to our requests for CRC volunteers. I know it is a challenge because of our busy schedules. Sharon Gould has accepted the position as publicity chair and has done an outstanding job of putting together a flyer to be mailed to all the members in the region. Fran Scholl will be heading up the photography committee, and Brian Winterle will be in charge of the GAME (Greening ASHRAE Meetings and Expositions). We still have spots to fill and could use any time you would donate. The three biggest holes we have are the Transportation, Food/Catering, and Hospitality Committees. We will also need volunteers at the CRC to help with registration and behind the scenes operations. Please contact Mark Miller or Tom James if you can help.

Gene has put together another great program and RenewAire has graciously offered to host the event. Not only will you hear about a case study for LEED, but also have a great chance to see a local manufacturing company who has grown from working out of a garage to being a major player in the energy recovery side of the business.

Just a couple quick reminders: It is not too late to sign up for the Hydronics seminar hosted by the Wisconsin Chapter on March 15th in Brookfield, and registration for the CTTC satellite broadcast/webcast on IEQ is now open.

Sincerely,

Chad Faber,
Madison Chapter President

HISTORIAN

Submitted By: Jeff Boldt

I accepted the Regional Historian position and will replace William Murray on July 1, 2007. Bill has been a great help to me in performing my duties as the chapter historian and in preparing me for the responsibilities of the regional position. I intend to leave the chapter historian position at the end of this ASHRAE year, and expect to work with my replacement during the 2007/2008 ASHRAE year.

The digitizing of our archives is proceeding and I expect to complete it before the CRC; which means that my replacement won't have to store our boxes of records!

I would appreciate it if any of our members is able to work with me this year to complete a history of either their company or of a HVAC system designed in our chapter. This can be as basic or as deluxe as you would like. If this does not work out I will attempt to complete a leadership recall so we make a good PAOE point showing for the upcoming CRC.

Jeff Boldt
Chapter Historian

RESEARCH PROMOTION

Submitted By: Al Zeller

I would like to thank those who have donated prizes for our RP Raffle at our Chapter Meetings:

- ❖ Pearson Engineering (Overnight Stay at the Governor's Club at the Concourse Hotel);
- ❖ Capitol Mechanical (Tornado Club Steak House gift certificate);
- ❖ Wilderness Hotel & Suites, WI Dells (2 overnight stays w/waterpark passes);
- ❖ Madison Trane (Lombardino's gift certificate); and
- ❖ Planning Design/Build (UW hockey tickets).

Those attending our meetings continue to be quite generous in their response to the Raffle as we will raise over \$1,100 this year. Thank you for your support!

Our Committee members (Dan Dehnert, Bill Dries, Ken Hunzicker, Ed Schnaubelt, and Philip Van Styn) will be contacting corporate donors during the month of March and April for this year's donation to ASHRAE Research, ASHRAE Learning Institute, and ASHRAE Foundation. This is a tax deductible donation. It is important to remember that Region VI, which includes the upper Midwest, consistently has received more research awards than donations received from this area. Please be generous as ASHRAE is only able to fund about 30% of the proposed projects on an annual basis.

If you qualified for a commemorative coin/plaque from last year's donation and have not received it, please contact me at Capitol Mechanical, 241-9342, or azeller@capitolmechanical.com.

Alan R. Zeller,
Chairperson Madison Research Promotion

MEMBERSHIP

Submitted By: Matt Heil

	Dec	Jan 2006	Feb	Mar	Apr	May	June	July	Aug	Jan 2007	Feb
Members	239	242	246	248	245	245	246	229	232	234	235
Students	28	27	27	25	23	23	25	18	19	35	34
Delinquency	29	29	32	30	28	28	25	34	33	9	8

INFORMAIRE

We are continuing to update member's information. If your information has changed (for example; emails, work place, address, phone number, etc.), please either contact us or change it on line. To change your information online go to <http://www.ashrae.org>, go to the "Membership Resources" at the top, then proceed to the "Manage Your Membership" on the right side of the page, then click "Address Change" in the center of the page. This will lead you to the link and you can update your information. Once again, if you send us your updated information, we are happy to take care of this for you, but we ask that you provide us with your member number, as we find that the process is accelerated when dealing with customer service.

Applications for new members can be filled out on line at <http://www.ashrae.org>, or I would be happy to email you an application.

Sincerely,

Matt Heil

CRC 2007 *Sailing Into the Future* Submitted By: Mark Miller

The Chapter Regional Conference (CRC) is coming up as May is only a few months away now. A lot of activity has taken place and the results you will see shortly. As Chad discussed in his presidents message, a professional brochure has been developed and will be mailed to all the Region VI ASHRAE members to direct them to register on our website. The CRC Committee met last week and reviewed the progress on the many activities that are going on. Personally, we have made great progress. Unfortunately, there are still a lot of details to work through to make it a success.



We will be developing a schedule for volunteers to man the registration booth over the three days, man a hospitality suite and assist on general hosting obligations. Please be generous with a few hours to sign up for these tasks and inquire how else you can help.

The website registration will be available by the end of the week. You may pay by credit card through this registration, send a check by completing a form and mailing it. The link from the CRC website will take you to the registration website. Direct your browser to www.ashraemadison.org/crc2007.htm for more details.

The sponsorship committee has done a great job drawing interest in supporting our CRC. Al Zeller and his committee have received commitments from the following sponsors already. Please contact Al or the committee if you are interested in participating as a sponsor.

Platinum: \$3,000 plus
Energy Center of Wisconsin
Alliant Energy
MG & E
WE Energies
Focus on Energy

Silver: \$1,000
Marshall Erdman
Crescent Electric
Trane
Carrier
Sika Sarnafil, Inc.

Certified: \$500
Johnson Controls
Automation Components, Inc.
McQuay
Aaon
Ruud
Sustainable Engineering Group
Florida Heat Pumps
Nortec
Greentouch Screen

Gold: \$1,800

Notables
Captive Aire

Thank you,

Tom James/Mark Miller

HYDRONICS SEMINAR

Submitted By: Chad Faber

Saving Energy in Hydronic Systems

Presented By Roy Ahlgren

On March 15th, 2007 the Wisconsin ASHRAE Chapter is please 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 in Morton Grove, Illinois. 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.

The seminar will start at 8 am with registration and refreshments beginning at 7:15 am. Handouts will be provided and food and beverages will be served for the entire day.

Seminar Location:**Doubletree Hotel**

18155 W. Bluemound Road
Brookfield, WI

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 email or call David Grassl at (414) 266-9231 or david.l.grassl@gasai.com. Payment is due by upon signing up for the seminar.

CTTC SATELLITE BROADCAST/WEBCAST

Submitted By: Mike Gall

Indoor Environmental Design: Practical Solutions to Everyday Problems**Wednesday, April 18, 2007 12:00 p.m. – 3:00 p.m. CST**

This **free** broadcast will provide specific solutions to the everyday challenges of achieving acceptable indoor environmental quality within real-world budget constraints. The program will benefit designers, building owners, architects and contractors who are faced with the daily engineering challenge of specifying systems that maximize IAQ, thermal comfort and noise control. This program is sponsored by ASHRAE's Chapter Technology Transfer Committee. For complete details, visit our website at www.ashrae.org/iedbroadcast.

The presenters will be:

Hoy R. Bohanon Jr. ~ Willian J. Coad ~ Lew Harriman ~ Daniel In-Hout, ~ Christopher O. Muller

You may participate by registering to view the Webcast on your own PC by visiting www.ashrae.org/iedbroadcast for complete details.

ON SITE RENEWABLE ENERGY WEBINAR

Submitted By: Manus McDevitt

The Madison Chapter of ASHRAE is 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

Purpose and Audience: 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

What's Covered?

- | | |
|---|--|
| <ol style="list-style-type: none"> 1) Overview and Trends in Renewables 2) Renewables in LEED – credits and opportunities 3) Renewables Evaluation for Your Project <ol style="list-style-type: none"> a. Integrated Energy Design and Modeling for Efficiency and Renewable Energy b. Positive Cash Flow – Day One | <ol style="list-style-type: none"> 4) Renewables technologies and case studies <ol style="list-style-type: none"> a. Photovoltaics b. Solar Hot Water Heat c. Wind d. Geothermal |
|---|--|

Speakers

Paul Erickson, Affiliated Engineers, LEED AP
 Sherrie Gruder, University of Wisconsin-Extension, Focus on Energy, LEED AP
 Manus McDevitt, Sustainable Engineering Group, PE, LEED AP
 Eric Truelove, The Renschler Company, PE, LEED AP
 Niels Wolter, Focus on Energy, MSB Energy Associates

Registration

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

To register electronically copy and paste the following into your browser:

https://secure.uwex.edu/semtek/register/reg_session_info.cfm?sessionid=E07T4535120001&groupid=ALG

For any questions regarding registration contact Angela at 608 265-9585.

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PROGRAM SCHEDULE Submitted By: Gene Nelson

	Topic	Location	Speaker (s)	Theme
Mar 12	LEED Case Study	Renewaire	Dan Green, A&O	Membership Night, IAQ
Apr 9	Chiller Plant Optimization	To be Determined	Steve Tredinnick, AEI	Student Night
May 14	Chilled Beams	To be Determined	Chris Lawrence, Trox	
Jun 11	Golf Outing	Stoughton Country Club		Social

CHAPTER CONTACTS

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Advertisers Wanted!

Contact Mark Miller

at

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