



Mississippi Valley Chapter Newsletter

September 2006

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

Event Schedule

- September 21, 2006
Daylighting and Its Impact on HVAC
- October 19, 2006
Commissioning for LEED Projects
- November 16, 2006
RP 1219 HVAC Acoustics
- December 21, 2006
TBD
- January 18, 2007
TBD
- February 15, 2007
TBD
- March 15, 2007
Variable Primary Flow Pumping Strategy
- April 19, 2007
History of Steam Heat
- May 17, 2007
TBD
- June 2007
Golf Outing

Daylighting and Its Impact on HVAC Systems

Daylighting offers energy savings through electrical lighting reduction. However, daylighting can also increase solar gains and envelop loads. The goal is to optimize glazing design to limit HVAC load by balancing day light and solar load.

Abby Vogen is a senior project manager at the Energy Center of Wisconsin and leads the commercial daylighting and high performance building design and operation programs. She serves as the project manager of ECW efforts for this project. As Senior Project Manager, she is responsible for developing technical research, technical education and outreach programs to support and promote high performance building design, construction and operation. Abby recently completed a design guide for multifamily buildings for use by the Focus on Energy program. She is currently co-leading the We Energies Commercial New Construction Program. Abby led the creation of the Energy Center's Daylighting Collaborative and developed a technical education and design assistance program to bring a more widespread application of daylighting to commercial and school construction in Wisconsin and across the country. She has assisted the State of Wisconsin in writing daylighting design guidelines for use in all state facilities and a multifamily design guide. Abby has written and spoken effectively on the topics of daylighting, new construction programs, green building and sustainability. Abby serves on the Board of Directors of the Wisconsin Green Building Alliance and American Institute of Architects Wisconsin and is an active faculty member of the Energy Center's trainings on daylighting and high performance commercial buildings. She has more than fifteen years of experience in daylighting, energy efficient commercial building design, program development, strategic planning, marketing, and public relations.

September 21st Program

Location: The SteepleGate Inn
100 W 76th St
Davenport, IA

Program: Day-lighting and Its Impact on HVAC

Agenda: 4:30-5:30 Program
5:30-5:45 Meeting
5:45-6:45 Dinner

Menu: Sicilian Chicken
Green Beans
Tossed Salad
Whipped Potatoes/Gravy

Cost: Members: Free
Others: \$15

RSVP: [Online](#) or call Pat Igou at 309-748-5903 by Monday, September 18, 2006

ASHRAE Association Management Software Update

This report provides an update for chapter members on the status of implementation of the Society's Association Management Software system (AMS). The new AMS will integrate with the ASHRAE.org website to provide electronic commerce for real time product, membership, and registration transactions; and, access to selective data stored in the AMS database.

The implementation schedule, including data conversion, remains on track. The completion date for iWeb (internal) operations is projected to be October 2006. At that point all iWeb customizations will be completed and all data will have been converted and cut over from TIMSS to the new Avector netForum software. We are planning to gradually phase in the eWeb (external) functions such that they are completed by no later than June 2007. As part of this program we have contracted with a new company to host our web site, providing superior content management and allowing staff greater control over the placement of content, greater flexibility to make changes, and access to enhanced reporting capabilities.

When completed, the web site will be characterized by significantly increased speed, functionality, and ease of use. ASHRAE.org's new Google search engine will enable members to find content more quickly and easily, whether the source is an ASHRAE web page, Word document, spreadsheet, or PDF file.

The increased flexibility of the new site will make easier the evolution of specialized online communities among the membership. It will be possible for Standing Committees, Councils, Project Committees and Technical Committees to have web pages with a consistent look and feel, containing agendas, minutes, etc., that can be accessed by the members. With all of this effort, members can expect to see increased responsiveness and greater access to data, including membership information, committee rosters, etc.

The ASHRAE Electronic Communications Committee (ECC) has developed a recommended ASHRAE Contact Data and Release Policy that will provide a consistent Society wide contact data format for use by all levels of the Society. There will be numerous levels of access and we need to establish an access level policy, resolve securities issues, address spam, etc. We need to establish standardized communications protocols (outside of Headquarters).

When the total project is completed we will have significantly enhanced system capability and functionality. We will have:

- Enhanced online membership application process
- Dues renewal will be available at any time (versus periodic billing)
- Simplified update and review of biographical information (with appropriate security applied)
- Real time on-line purchase of all ASHRAE publications and products
- Real time on-line registration for meetings and courses
- Access for staff and authorized members to run Council and Committee reports and rosters

- On-line process for submission of committee nominations
- Access for authorized individuals to update Chapter officers and rosters
- Authorized individuals will continue to have access to the chapter reports that are currently accessible
- Ability to track multiple phone, cell phone, and email addresses

The completion of the total projects will produce an integration of the ASHRAE Web site and the member database that will be synergistic, powerful, and a great step forward in maximizing the use of the volunteers' time.

AD Hoc Committee for ASHRAE's
Association Management Software System
Gordon V.R. Holness, Chair

ASHRAE Sustainable Metrics Group to Develop Design Guidance

A new technical research group focusing on sustainable building guidance and metrics has been created by ASHRAE.

The group will develop design guidance, performance metrics and rating systems to integrate indoor environmental quality, energy efficiency and other aspects of sustainable building performance.

"If you ask a group of engineers to look at a facility, you'll get a variety of opinions about how that building is performing in regard to energy efficiency, indoor air quality and comfort," said Bryan R. Becker, Ph.D., P.E., a member of ASHRAE's Technical Activities Committee, which oversees Society technical committees. "Our goal is to develop metrics and rating systems that are repeatable, verifiable and that can be utilized globally."

Those interested in joining the new group can email for further details.

The group will work with other organizations to integrate HVAC&R systems with other building systems to enhance the effectiveness of total building design and integrated practice.

2006-2007 Officers/Board of Governors

President: Bruce Britson
Vice President: Jim Nonnenmann
Treasurer: Andrew Price
Secretary: Pat Igou
Past President: Gary Lange
Member at Large: Eric Granzow
Member at Large: Brian Hodgins

2006-2007 Committee Chairs

CRC Delegate: Jim Nonnenmann
CRC Alternate: Andrew Price
Historian: Sherm Sweeney
Membership: Tracy Van Damme
Programs: Jim Nonnenmann
Resource Promotion: Gary Lange
Seminar: Bruce Davis
Student Activities: Matt Schneider
CTTC: Jon Bovenkamp
Webmaster: Eric Granzow

Monthly Meetings

The regular monthly meetings for the Mississippi Valley Chapter of ASHRAE are held on the 3rd Thursday of each month from September to May unless otherwise noted. Meetings are located at the Steeplegate Best Western in Davenport Iowa unless noted otherwise.

www.mississippivalleyashrae.org

Only You Can Help!!!

In order for our chapter to grow and maintain the great membership we have enjoyed we need volunteers to help with the running of the chapter. Volunteers are needed for the following committees:

Membership	CTTC
Student Activities	Webmaster
Resource Promotion	History

Contact any officer or committee chair to Volunteer!

ASHRAE Learning Course

The Mississippi Valley Chapter of ASHRAE will be teaching an ASHRAE learning course this fall titled Fundamentals of Heating and Cooling Loads. The course will be held at KJWW Engineering's office in Rock Island on Tuesday nights from 4pm to 7pm starting September 26. Look to the website for further information on course content. Deadline for registration is September 21, 2006.



Mississippi Valley Chapter
ASHRAE
Attention: Pat Igou
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