



Mississippi Valley Chapter Newsletter

November 2009

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

Important Dates

- November 19, 2009
Alternative Refrigerants
- December 1, 2009
Christmas Party Sign-up
Deadline
- December 16, 2009
Christmas Party @ Circa
21 Dinner Theater -
Holly Jolly Christmas
- January 21, 2010
To follow
- February 18, 2010
ASHRAE'S Building
Energy Labeling
Program
- March 18, 2010
Seminar
- April 15, 2010
Hybrid Geothermal
Systems
- May 20, 2010
To follow
- June 2010
Golf Outing

Refrigerants Today and What's Coming Tomorrow

Scott D Lanzer

Scott currently works as Sales and Marketing Manager - A/C Aftermarket with Emerson Climate Technologies. He has over 20 years in the HVACR industry. Mr. Lanzer spent 4 years working as Supermarket Field Service Technician with RHVAC contractors in the Pittsburgh area before accepting a job in 1993 with the Copeland Corporation. His background with Emerson/Copeland includes: 7 years with Copeland Engineering - OEM Systems, 6 years as a Training Specialist with Emerson Educational Services and the past 3 years in Sales and Marketing.

Scott has performed over 150 educational seminars on product technical information throughout the world, educating engineers and contractors in North America, Asia, Europe and Africa. He has worked with translators to breakdown language barriers for foreign education. His insight has been published in technical trade paper articles and has been a featured speaker at industry association events such as RSES, LINK, and ComforTech.

In September of 2007, Scott received the Emerson "Consider It Solved" award for his work in the field of industry education.

November 19th Program

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

Program: Energy Audits

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

Menu: Stuffed Iowa Chop
Tossed Salad
Fresh Seasonal Vegetables
Baked Potato
Freshly Baked Dinner Rolls
Pumpkin Cheese Cake



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Annual Design Competition

A project is still needed to participate in this year's design competition. Any type of building (hospitals, institutional buildings, commercial buildings, industrial facilities, public assembly, or residential) is able to be entered for the competition, new or existing. A copy of the short form application is included at the end of the newsletter. This form can be used for submission to the Chapter and Region competitions. If a member has a good potential project but without a full year of operating data it is recommended the project be written up on the short form and submitted to chapter for consideration. When a full year of operating data is available the write-up and project submittal can be completed. If anyone has questions, email Bruce Davis at DavisBruceL@JohnDeere.com.

ASHRAE News

ASHRAE Handbook Becomes More Accessible in Online Format

ATLANTA – What was once the turn of a page will now be the click of a mouse. The *ASHRAE Handbook* is now available online to allow for quick and easy access to a vast amount of HVAC&R information.

"The advantages of the *ASHRAE Handbook Online* are numerous," Dennis O'Neal, 2009-10 chair of the ASHRAE Handbook Committee, said. "For one, the text is fully searchable and includes live links to figures, tables, footnotes, equations and other Web references. Going online also allows for fast navigation among all four current Handbook volumes, with live cross-reference links."

<http://www.ashrae.org/pressroom/detail/17329>

Sessions to Boost Efficiency, Sustainability of Contractor Projects Featured at AHR Expo

ATLANTA – Two sessions to assist contractors in construction management and high-performance building are being offered by ASHRAE at the AHR Expo.

"The bottom line is that we're all striving to deliver excellent service for our clients and to do that more effectively," Billy Austin, chair of ASHRAE's task group on contractors and design build firms that is sponsoring the sessions, said. "These ASHRAE sessions will bring together all members of the building team to learn new skills and to explore ways to work more closely together. With contractors representing 25 percent of Expo attendees, ASHRAE seeks to bring their knowledge and expertise into these sessions as well as to help shape the Society's future activities in contracting and design/build."

<http://www.ashrae.org/pressroom/detail/17328>

Winter Conference Technical Program to Focus on Humidity, Indoor Environments

ATLANTA— What better place to learn about the latest developments in humidity control than Florida? The 2010 ASHRAE Winter Conference, which takes place January 23-27, 2010 in Orlando, Fla. will focus on developments that contribute to making indoor environments sustainable in humid climates, while also addressing a myriad of other HVAC&R industry issues.

The technical program will be based on the theme *Building Sustainability from the Inside Out*. According to Dennis Wessel, the Orlando Conference chair, "the technical program presents state-of-the-art concepts and design techniques on a wide range of hot topics."

<http://www.ashrae.org/pressroom/detail/17324>

Digital Journal

http://www.nxtbook.com/nxtbooks/ashrae/ashraejournal_200904/#/0

Industry News

Air Conditioning Might Mitigate Effects of Air Pollution, Says Study

NEW YORK—People living in communities where more homes have air conditioning are less likely to suffer ill effects of air pollution, new research in the journal *Epidemiology* suggests. However, because air conditioning can also contribute to pollution by using energy, it's not clear whether it provides a net benefit for health, Dr. Michelle L. Bell of Yale University and her colleagues say. Also, climate change may mean even more people end up installing air conditioners.

<http://images.ashrae.biz/redirect/?url=1597>

Solar Developers, Regulators Fight Over Water

RIVERSIDE COUNTY, Calif.—Solar energy companies and regulators are waging "water wars" in California, as 35 planned large solar projects vie for drinking-quality water. For example, twin solar farms in the Chuckwalla Valley would use 5% of the area's available water. Solar developers prefer to use wet cooling, in which water must constantly be replenished to make up for evaporation. Regulators want developers to use dry cooling, which uses much less water but is more expensive and reduces the efficiency and profitability of a plant. Water regulators in one town halted one planned solar farm by refusing to supply water.

<http://images.ashrae.biz/redirect/?url=1598>

U.S. Treasury Allocates \$2.2 Billion in Bonds for Renewable Energy

WASHINGTON—The U.S. Department of the Treasury has allocated \$2.2 billion in Clean Renewable Energy Bonds for 805 recipients across the country. The energy bonds help government agencies, public utilities, and cooperative electric companies obtain lower-cost financing for renewable energy projects by giving investors federal tax credits.

<http://images.ashrae.biz/redirect/?url=1599>

Offices Workers Will Sacrifice Comfort to Save Energy

MILWAUKEE—Nearly 70% of U.S. office workers would be willing to sacrifice their preferred ideal office temperature to help their company conserve energy, according to a new survey. Almost all respondents to the Johnson Controls survey of around 800 office workers said their office has been too hot or too cold at some point, and when that occurs, nearly 80% said they are less productive. However, respondents cited numerous ways in which they affect their own comfort, such as using fans and space heaters, adjusting their clothing, or briefly leaving their work area. Forty-five percent of respondents think their employer is not doing enough to make their office environments energy efficient.

<http://images.ashrae.biz/redirect/?url=1340>

Check-out the Updated Chapter
Website at:

www.mississippivalleyashrae.org

2009-2010 Officers/Board of Governors

President:	Patrick Igou
Vice President:	Simon Possin
Treasurer:	Jake Vorac
Secretary:	Nate Jacques
Past President	Andrew Price
Member at Large:	Erick Granzow
Member at Large:	Brian Hodgins

2009-2010 Committee Chairs

CRC Delegate:	Bruce Davis
CRC Alternate:	Simon Possin
Historian:	Sherm Sweeney
Membership:	Vacant
Programs:	Patrick Igou
Resource Promotion:	Andrew Price
Seminar:	Bruce Davis
Student Activities:	Vacant
CTTC:	Bruce Davis
Webmaster:	John Schaub



Mississippi Valley Chapter
ASHRAE
Attention: Pat Igou
One John Deere Place
Moline, Illinois 61265

CHAPTER/REGIONAL TECHNOLOGY AWARD - SHORT FORM

1. Category (Check one and indicate New or Existing, if applicable)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Commercial Buildings | <input type="checkbox"/> New or <input checked="" type="checkbox"/> Existing |
| <input type="checkbox"/> Institutional Buildings | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Health Care Facilities | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Industrial Facilities or Processes | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Public Assembly | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Residential | |
| <input type="checkbox"/> Alternative and/or Renewable Energy Use | |

2. Name of Building or Project: _____

City/State: _____

3. Project Description: _____

Project Study/Design Period: _____

Has the project been completed? Yes _____ **No** _____

If YES, date completed: _____

If NO, scheduled date of completion (or other explanation): _____

4. Entrant (ASHRAE member with significant role in project) If multiple entrants, all must be listed.

a. **Name:** _____
Middle _____ *Last* _____ *First* _____

Membership Number: _____

Chapter _____

Region: _____

b. **Address (including country):** _____
_____ _____ _____
City *State/Province* *Zip/Country Code*

c. **Telephone:** _____ d. **E-mail address:** _____

e. **Company:** _____

f. **Member's Role in Project:** _____

g. **Member's Signature:** _____

5. Engineer of Record: _____

By affixing my signature above, I certify that the information contained in this application is accurate to the best of my knowledge. In addition, I certify that I have discussed this entry with the owner and have received permission from the owner to submit this project to the ASHRAE Technology Awards Competition.