



Mississippi Valley Chapter Newsletter

March 2009

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

Important Dates

• April 16, 2009

1353-RP – Stability and Accuracy of VAV Box Control and Flow

• May 7-9, 2009

Region VI Conference – Des Moines

• May 15, 2009

Government Activities, Technology/Engineering Award Deadlines

• May 21, 2009

Chapter Meeting - Elections

• June 1, 2009

Dan Mills Technical Award Deadline

• June 5, 2009

Golf Outing

Stability and Accuracy of VAV Box Control and Flow

BRIAN K. KAMMERS

A Professional Engineer license in Wisconsin, Brian has over 25 years of experience in the HVAC industry. He started his career at the Trane Company performing energy analysis and introducing software tools to consulting engineers. That experience in software carried over into the CAD industry where he was responsible for CADD software serving the needs of mechanical consulting engineers.

While a Program Manager at Johnson Controls, he was responsible directing product development and implementing marketing strategies for building automation products. During that time, he wrote a number of articles regarding open protocol and control integration.

His experience also includes the application of frequency drives, CFD software, and the sale and distribution of residential HVAC products.

A member of ASHRAE since 1981, he has participated in on the BACnet Committee and the Computer Applications Technical Committee. Currently he is a Regional Manager for AAON, Inc. covering the Midwest.

April 16th Program

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

Program: Stability and Accuracy of VAV Box Control

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

Menu: Fish Fry
Baked Potato
Relish Cup (Carrot/Celery Sticks)
French Silk Pie

CRC and Chapter Awards

CRC is fast approaching as well as the deadlines for the regional and national awards. Please contact Jon Bovenkamp with questions or for applications. Regional deadlines are May 15th and June 1st. Please consider applying as these awards are an excellent way to showcase our local chapter and activities.



Mississippi Valley Chapter Newsletter

March 2009

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

ASHRAE News

BOD Nominees, Bylaw Proposals to be Voted on in May

ASHRAE members will vote on the nominees for the 2009–10 Board of Directors and two proposed changes to the ASHRAE Bylaws via ballots being sent in May. The two proposed changes to the Bylaws relate to possible changes to the Board of Directors governance structure. An e-mail containing a link to the online ballot will be e-mailed May 1 to all qualified voting members who have valid e-mail addresses in the Society database.

<http://www.ashrae.org/publications/detail/17087>

ASHRAE Members First! eNewsletter Covers Winter Conference Developments

Activities of Technology Council and its committees during the 2009 Winter Conference are covered in the latest issue of ASHRAE Members First! eNewsletter. The executive committees of the Technical Activities Committee and the new Conferences and Expositions Committee (CEC) met for the first time in Chicago to discuss potential changes to the Society's technical program and the program-related concerns of the technical committees. Also, a new task group, Optimization, has been formed. In addition, the eNewsletter covers ongoing developments such as the IAQ 2010 Conference and new research projects.

<http://www.ashrae.org/publications/detail/17087>

2009 Versions of Standards Available; New Addenda Issued

2009 versions of several ASHRAE standards are available. The revised versions include Standards 29, 87.2, and 137. Information on these and other ASHRAE Standards is covered in the April 3 issue of the Standards Actions eNewsletter. The eNewsletter also includes information on an April 9 Web meeting and conference call of SPC 191, *Standard for the Conservation of Water Use in Building, Site and Mechanical Systems*. The March 20 issue of the Standards Action eNewsletter focuses on first public reviews of several addenda drafts that are open until April 19. The addenda affect Standards 62.1 and 62.2. Other ongoing public reviews and calls for comment are also covered in this issue.

http://www.ashrae.org/doclib/20090403_SAapr032009.pdf to read the Standards Action covering new Standards publications.

http://www.ashrae.org/doclib/20090320_SAmar202009.pdf to read the Standards Action focusing on public reviews and calls for comment.

Digital Journal

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

Digital Insights

http://www.nxtbook.com/nxtbooks/ashrae/ashraeinsights_200904/index.php

Industry News

'Snackwell Effect' Subverts Energy Savings

WASHINGTON—People who buy energy-efficient appliances must resist the urge to overuse them, say energy conservationists. Such behavior has been named the "Snackwell Effect" after dieters who binge on Snackwell's lower-calorie cookies. "It could be that by doing something virtuous, it gives you license to do something indulgent somewhere else," said Portland State University's Loren Lutzenhiser, who studies energy consumption.

http://www.usatoday.com/money/industries/energy/2009-03-22-energysavings_N.htm

5 Future Technologies That Could Significantly Reduce Energy Use

WASHINGTON—A U.S. News and World Report article names five emerging technologies that could become commonplace in the coming decades and significantly reduce energy use. These include smart windows that can change their coating on demand, brighter and longer-lasting light bulbs and home fuel cells.

<http://www.usnews.com/articles/business/technology/2009/03/18/5-future-technologies-that-will-slash-home-energy-use.html>

Consumers Willing to Buy 'Green' If Payback Is Immediate, Says Survey

KNOXVILLE, Tenn.—Consumers are willing to buy energy-efficient products and services, but only if they see immediate savings, according to a national survey released this week. Seventy-one percent of respondents cited saving money as a reason to buy energy-efficient products. The findings reflect the state of the U.S. economy, according to The Shelton Group. In previous surveys, respondents most often said they would buy "green" products "to protect the environment."

<http://www.usnews.com/articles/business/technology/2009/03/18/5-future-technologies-that-will-slash-home-energy-use.html>

ASHRAE Member's Cooling System Competing for \$75,000 Prize

LEICESTERSHIRE, UK—An innovative, inexpensive cooling system developed by Dennis Loveday, Member ASHRAE, and Harry Salt is one of five finalists in a global competition for innovative ways to reduce climate change. The researchers at Loughborough University have produced ceiling tiles that can cool rooms with minimal energy use. Instead of pumping cool air into a room, a false ceiling uses convection to draw warm exhaust air from the room. The air evaporates water held in a wick surface in the tiles, which cools the tiles instantly. The *Financial Times* Climate Change Competition will award the winners a prize of \$75,000 to further develop their product and bring it to market.

Chinese-Made Drywall Emits Corrosive Gases, Say Florida Officials

TALLAHASSEE, Fla.—Strontium sulfide, which can emit corrosive gases in moist air, has been found in Chinese-made drywall, according to the Florida Department of Health. Research found that drywall samples gave off a sulfurous odor when heated. In at least one case, sulfide gases corroded copper coils in an air conditioner of a Florida home. Homeowner lawsuits against manufacturers and suppliers contend the drywall has caused them to suffer health problems such as headaches and sore throats, and has led to expensive repairs.

<http://www.cnn.com/2009/US/03/24/chinese.drywall/index.html?iref=24hours>

ASHRAE Launches Commissioning Certification Program

ASHRAE will launch its Commissioning Process Management Professional certification program in June at the Society's 2009 Annual Conference in Louisville, Ky. The program is designed to help building owners, developers, operators and others recognize individuals capable of ensuring that building systems and equipment are designed, installed, tested, operated and maintained as intended. The program was developed with input from APPA, BCA, IESNA, NEBB, SMACNA, TABB and the University of Wisconsin-Madison.

<http://images.ashrae.biz/redirect/?url=1293>

Local Items

Big Brothers and Big Sisters

Building for the Future: Opening their eyes to the possibilities!

When did you realize you had an interest in building things or understanding how things work? Who embraced your excitement for math and science and gave you the opportunity to explore these interests?

We all remember someone other than our parents who singled us out, who took the time to give us special attention. They motivated us, inspired us, and shared with us a path to success.

Big Brothers Big Sisters is partnering with the Putnam Museum and Imax Theater and area professionals to bring math and science to life for area at-risk youth. The partnership will utilize Big Brothers Big Sisters' nationally recognized one-to-one mentoring process to match professionals from the math and science industry in a one-to-one mentoring relationship with children who have exhibited an aptitude and interest in this field.

The matches will be supported by a combination of Big Brothers Big Sisters expertise in supporting one to one matches and the Putnam's expertise and ability to bring meaningful, innovative and hands on educational opportunities. The Putnam has compiled a package of opportunities which will give matches the ability to explore common interests and bring concepts and theory life!

The Putnam will provide each match with a free one year membership. In addition, the Putnam will provide special access to traveling exhibits and special Imax screenings to our matches. Finally, matches in this program will participate in special math and science educational opportunities coordinated by the Putnam's talented staff.

The children will be specially selected for this program based upon their interest and aptitude in the math and science area. The children, their parents and participating volunteers will complete a screening process that will assist in finding the most compatible adult/child match.

Once a compatible match has been formed, the mentor agrees to allocate between 6 and 10 hours a month to the match relationship through one-to-one and group activities. Experiences can include activities with the mentor's family, organized activities hosted by the Putnam or Big Brothers Big Sisters, other community events and one-to-one activities planned by the mentor and child.

Mentoring has proven to help children gain a level of self confidence that will inspire them to strive to make good decisions, and live a positive and successful life. The partnership with the Putnam Museum and Imax Theater will give Bigs the opportunity to expose their Littles to the world of math and science. This journey of exploration will open their eyes to the possibilities and motivate them to pursue and achieve their dreams. It's also a lot of fun!



American Arbitration Association
Dispute Resolution Services Worldwide



EASTERN IOWA SECTION
 THE AMERICAN INSTITUTE OF ARCHITECTS



**ARBITRATION & MEDIATION IN THE
 CONSTRUCTION INDUSTRY**

PRESENTED BY

The Associated General Contractors of the Quad Cities

American Arbitration Association

Eastern Iowa AIA

From arbitration and mediation to on-site resolution, this conference concentrates on how alternative dispute resolution (ADR) processes can be tailored to the needs of your construction-industry disputes. This program also includes a can't-miss session covering information on the art of drafting ADR clauses.

You will leave with a clear understanding of how and why ADR works as well as strategies to select the ADR processes that will be most effective to resolve your construction disputes-and prevent or mitigate future ones.

Some of the areas covered will include:

- Pre-filing/Filing
- Arbitrator Selection/Disclosure
- The Preliminary Hearing
- Discovery
- The Hearings
- Post Hearing Activity
- The Award

WHEN: THURSDAY MAY 21, 2009

TIME: 11:30 A.M. REGISTRATION & LUNCH
12:30 PRESENTATION
2:30 P.M. Q & A
SOCIAL TO FOLLOW = CASH BAR

WHERE: THE OUTING CLUB
2109 BRADY STREET
DAVENPORT, IA 52803

COST: \$25.00 PER PERSON (INCLUDES LUNCHEON)
CHECKS MADE PAYABLE TO AGCQC
CEU: SELF REPORTING

RSVP DEADLINE: 5/7/09
CONTACT: JO MASON
PHONE: 309.788.7406
EMAIL:
JMASON@AGCQC.ORG

You're invited

2008-2009 Officers/Board of Governors

President: Andrew Price
Vice President: Patrick Igou
Treasurer: Simon Possin
Secretary: Jake Vorac
Past President: Jim Nonnenman
Member at Large: Erick Granzow
Member at Large: Brian Hodgkin

2006-2007 Committee Chairs

CRC Delegate: Patrick Igou
CRC Alternate: Simon Possin
Historian: Sherm Sweeney
Membership: Tracy Van Damme
Programs: Patrick Igou
Resource Promotion: Jim Nonnenman
Seminar: Bruce Davis
Student Activities: Alyssa Price
CTTC: Jon Bovenkamp
Webmaster: John Schaub

Check-out the Updated Chapter

Website at:

www.mississippivalleyashrae.org



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