



# The **Texas Norther**

Monthly Newsletter of the Dallas Chapter, Region VIII

[www.dallas-ashrae.org](http://www.dallas-ashrae.org)

Volume 59, No. 2

November 2009

## **Chapter Meeting**

**November 11, 2009**

10:00 a.m. - 11:00 a.m. Seminar  
11:30 a.m. - 1:00 p.m. Luncheon

### **Where:**

City Place Conference Center  
2711 North Haskell, Suite 100  
Dallas, TX

### **Lunch Session Topic:**

Fan System Effects -  
Design to Minimize Operational  
Problems

### **Presenter:**

Matt Spink, P.E.  
Greenheck

### **Reservations:**

By Phone - 972/780-6019  
On the web - <http://www.dallas-ashrae.org/reservations1.php>

PLEASE REFER TO THE  
RESERVATION POLICY  
ON THE BACK PAGE OF  
THIS NEWSLETTER

## **Message From the President**

Our October meeting was divided up into a technical session and a luncheon. This provided members with the ability to get 2 PDH certificates if they chose to attend both sessions. The technical session was very well received bringing more than 30 members in attendance. The topic of the technical session was Cooling Tower 101. The Chapter Luncheon was held on the 42 floor of City Place giving members a great view of the Dallas Skyline while listening to the topic of 2006 IBC Impact on Mechanical Equipment Design and Building Integration. The meeting was also very well attended bringing in a total of 96 members.

The Dallas Chapters next meeting will be held on November 11th. The November meeting will also provide members a Technical Session as well as the Chapter Luncheon. The technical session topic will be Sound & Vibration Control Considerations in Fan Applications. The Luncheon topic will be Fan System Effects, Design to Minimize Operational Problems.

I would also like to mention that our November Chapter meeting is our Membership Promotion meeting. We are going to recognize a life member that has significantly contributed to the Dallas Chapter as well as Region VIII. We will honor Clarence Gilmore for his contributions and give him a few minutes to speak and reflect on his experience in ASHRAE as well as in the HVAC Industry. The Chapter is also going to provide a free Lunch to all guests in hopes they will sign up and become a part of our great organization.

Thanks to all for your participation and we hope to see you at the next meeting.

Sincerely,

Peter Sudbeck

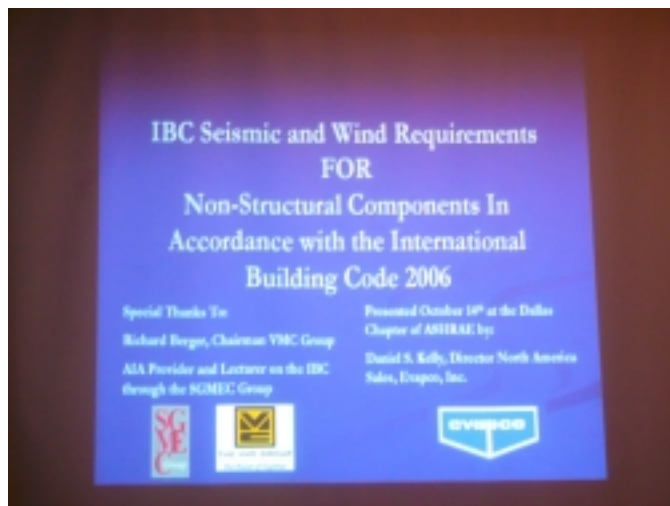
Letters to the Editor should be sent via e-mail to [kmiller@md-eng.com](mailto:kmiller@md-eng.com)

ASHRAE National Customer Service:  
800/5ASHRAE



## CALENDAR 2009-10

		Chapter		Society	
Sept	9/2/09	BOG Meeting - Double Tree Hotel			
	9/9/09	Chapter Meeting - City Place <i>Natatorium Design and Dehumidification</i> Ralph Kittler, P.E. - Distinguished Lecturer			
Oct	10/7/09	BOG Meeting - Double Tree Hotel			
	10/14/09	Technical Session - City Place <i>Cooling Tower Basics</i> Daniel Kelly			
	10/14/09	Chapter Meeting - City Place <i>New IBC Codes Affection Mechanical Equipment</i> Daniel Kelly			
Nov	11/4/09	BOG Meeting - Double Tree Hotel	11/6/09	NYSERDA/ASHRAE Data Center Energy Efficiency Workshop New York City, NY	
	11/11/09	Fall Seminar - City Place <i>Fan Basics and Troubleshooting</i> TBD	11/10/09	ASHRAE Seminar at Green Build Phoenix, AZ	
	11/11/09	Chapter Meeting - City Place <i>Fan Tie-in</i> TBD			
Dec	12/2/09	BOG Meeting - Double Tree Hotel			
	12/9/09	Chapter Meeting - City Place <i>Utility Rabates and Subsidy Programs for the North Texas Region</i> John Hanel - Oncor			
Jan	1/6/10	BOG Meeting - Double Tree Hotel	1/23/10 thru	ASHRAE Winter Meeting	1/23/10
	1/13/10	Chapter Meeting - City Place <i>Frictionless Centrifugal Chiller Systems</i> Julian De Bullet - Distinguished Lecturer	1/27/10	Orlando, FL	
Feb	2/3/10	BOG Meeting - Double Tree Hotel	TBD	Region VIII Strategic Planning Meeting -	
	2/10/10	Chapter Meeting - City Place <i>Engineering Ethics</i> TBD	TBD 2/14/10 thru 2/20/10	President Elect Training Engineer's Week	
Mar	3/3/10	BOG Meeting - Double Tree Hotel			
	3/10/10	Chapter Meeting - City Place Technical Session - TBD TBD			
	3/10/10	Chapter Meeting - City Place Ebtron Flow Measurement TBD			





## **SOCIETY NEWS**

### **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.”

“The technical program features a mix of presentations and papers concentrated in 11 tracks, including the impact of ASHRAE standards 90.1 and 62.1, sustainability, and a combined energy conservation and alternative energy solutions track, the largest track,” Wessel said.

The technical program focuses on humidity control and the industry’s ability to improve comfort for occupants and save energy. Sessions address *Operating Cost Implications in Humid Environments*, *Enhanced Dehumidification Strategies with Energy Recovery in Hot and Humid Climates*, *Humidity Control Issues and Solutions for High Performing Buildings*, *Ensuring the Performance of Your UFAD System* and *Solving Moisture Problems Created by Energy Retrofits*.

Current interest programs include building information modeling, design of healthcare facilities, wireless sensing and control networks, commissioning, data centers, LEED and ground source heat pumps. In addition, the professional skills track includes business management sessions on billing and collection practices.

The technical plenary will discuss H1N1 and look at the importance of building ventilation as compared to vaccination and quarantine in infection control. The technical plenary will take place Sunday, Jan. 24, 9:45 – 10:45 am.

Additionally, two free contractor-related sessions will be presented in conjunction with the AHR Expo held at the Orange County Convention Center. *Construction Management* will be held Monday, Jan. 25, 2-3 pm and *Cost/Benefit Analysis Methodology and Tools Needed by Owners* will be held Tuesday, Jan. 26, 2-3 pm.

In all, the technical program features more than 90 programs and 300 speakers. The 2010 ASHRAE Winter Conference and will take place at the Rosen Shingle Creek hotel, Orlando, Fla. For complete conference information, including abstracts on all technical program sessions, or to register, visit [www.ashrae.org/orlando](http://www.ashrae.org/orlando).

### **ASHRAE, UNEP Further Work in Protecting the Ozone**

ATLANTA—ASHRAE and the United Nations Environment Programme have launched a joint program of work in order to reduce emissions and encourage energy-efficient refrigeration and air conditioning systems and building designs.

The First Annual Cooperation Work Plan between ASHRAE and UNEP, an organization that promotes the wise use and sustainable development of the global environment, was presented on October 5, 2009 at the Region-at-Large Chapter Regional Conference in Kuwait. The program of work sets goals and timelines for phasing out ozone-depleting refrigerants and the management of ozone-depleting substance refrigerant banks, to name just a few.



One of the ways ASHRAE will support the established goals is by providing Distinguished Lecturers to present the latest achievements in non-Ozone depleting refrigeration technology to both ASHRAE chapters and technical activities organized by UNEP. ASHRAE will also support an ozone literacy course developed by UNEP.

“By partnering with UNEP, ASHRAE can more efficiently respond to the growing demand for new technologies that do not contribute to ozone depletion and are energy efficient,” Gordon Holness, ASHRAE president, said. “Through collaboration, continuing education and provision of experts on the topic, ASHRAE, UNEP and the global community can look forward a healthier environment.”

The program of work is the result of a memorandum of understanding signed between ASHRAE and UNEP in June of 2007.

UNEP was formed in 1972 and acts as “the voice for the environment within the United Nations system.” The Programme works with a wide range of partners to asses global, national and regional environmental conditions and trends; strengthen institutions for the wise management of the environment; and facilitate the transfer of knowledge and technology for sustainable development.

## **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.”

The sessions, which require no conference badge or fee for AHR Expo attendees, are *Construction Management*, 2-3 p.m., Monday, Jan. 25, and *Cost/Benefit Analysis Methodology and Tools Needed by Owners*, 2-3 p.m., Tuesday, Jan. 26.

Both take place at the Orange County Convention Center, site of the 2010 AHR Expo, Jan. 25-27, Orlando. The ASHRAE 2010 Winter Conference takes place Jan. 23-27, Rosen Shingle Creek hotel, Orlando. For more information, visit [www.ashrae.org/orlando](http://www.ashrae.org/orlando).

*Construction Management* addresses two key contractor-related topics to help improve the quality of their work: whether systems commissioning will improve the contractors’ ability to perform well and preconstruction management basics for mechanical engineers and contractors on design-build/design-assist projects.

*Cost/Benefit Analysis Methodology and Tools Needed by Owners* provides an understanding of high-performance building cost-benefit analysis with a focus on the LEED rating system. Several topics are addressed, including cost/benefit project setup, fiscal metrics, constraints and length of analysis.



**RESERVATION POLICY:** To encourage members to make early reservations, the CHAPTER offers meals at the reduced rate of \$20.00. The regular rate of \$25.00 per meal is charged for all meals for which there is no prior reservation. A non-diners' table is provided for the convenience of those who do not want to eat a meal, but do want to attend the CHAPTER meeting. Reservations must be made by 12 NOON of the Monday prior to a CHAPTER meeting. If necessary, a previously made reservation may be cancelled no later than 8 AM of the day before a CHAPTER meeting. Those who have made reservations for a meal are responsible for payment to the CHAPTER, even if they cannot attend the meeting.

## 2009-2010 Dallas Chapter Officers and Board of Governors

The Officers, Board of Governors and Committee Chairs may be contacted via the following phone numbers or at the Chapter address; P.O. Box 802426, Dallas, 75380-2426

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Student Activities	---	---	---

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