



The Texas Norther

Monthly Newsletter of the Dallas Chapter, Region VIII

www.dallas-ashrae.org

Volume 59, No. 1

October 2009

Chapter Meeting

October 14, 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:

New IBC Codes Affecting
Mechanical Equipment

Presenter:

Dan Kelly
Evapco

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

Letters to the Editor should be
sent via e-mail to
kmiller@md-eng.com

ASHRAE National Customer Service:
800/5ASHRAE

Message From the President

We started the year off with a bang. Our September Meeting topic was Natatorium Design and Dehumidification presented by Ralph Kittler, P.E. Ralph is an ASHRAE Distinguished Lecturer and he threw in some humor which made the presentation both educational and entertaining. We had very good attendance considering it was Labor Day Week and we change our location to City Place. We had 76 members who attended which is a great number to start the Year off.

The September Meeting also included a Region VIII and National Society activities overview. The Overview was given by Ken Fulk our Region VIII DRC. The information was great to hear and gives our members a better idea of Society's focus.

Our next Chapter meeting will be on October 14th. There will be a Technical Session before the regular scheduled Luncheon. The Technical Session is getting back to the basics with a topic of Cooling Tower 101. The topic of the luncheon presentation is 2006 IBC Impact on Mechanical Equipment Design and Building Integration.

One of our major Chapter focuses this year is to reduce our delinquent members. This focus was initialized by Society stating that the ASHRAE Chapters overall membership delinquencies has increase almost 300% since the previous year. Therefore, they have tasked the chapters with making our members aware of the shortfall and stress the importance of renewing membership. If you have any questions concerning your membership please contact Bo Twumasi, Membership Chair.

The Dallas Chapter would also like to recognize Bo Twumasi for his efforts in help coordinating the Young Engineers in ASHRAE (YEA) Leadership weekend. The weekend was held in September in Atlanta, Georgia. Bo reported that there were 49 members that attended which almost doubles the previous year's 25 member attendance. Region VIII was able to send 8 members which was a great turn out. The Dallas Chapter thanks Bo for his leadership role and efforts to make this weekend a success.

We hope to keep the momentum from the first meeting rolling. Thanks to all for your attendance and we hope to see you at the next meeting.
Sincerely,

Peter Sudbeck



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 1/27/10	ASHRAE Winter Meeting Orlando, FL	1/23/10
	1/13/10	Chapter Meeting - City Place <i>Frictionless Centrifugal Chiller Systems</i> Julian De Bullet - Distinguished Lecturer			
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			



DALLAS ASHRAE 2009-2010

Board of Governors Meeting Agenda

Wednesday, 4:30- 6:00pm, September 2, 2009

Location: Double Tree Hotel
4099 Valley View Lane, Dallas
Tel: 972-385-9000
Room: Hotel Lounge Area

Attendance: Peter Sudbeck, Ben Bain, Shelley Zao, Bo Twumasi, Margaret Taraba, Walter Horn, David Arbaiza, Chris Stacha, and Jeanine Bounds.

General Business:

1. Meeting Location
 - A. Signed Final Contract
 - B. Do we want to book Maggiano's for next year?

i. Ben Bain: Yes the meeting location is set. We are going to be at City Place with a nice room and we have guaranteed them 900 meals for the course of our ASHRAE Luncheon Year.

ii. Pete Sudbeck: I will hold the dates at Maggiano's for the ASHRAE 2010-2011 Year. This should give us some options to either go back to City Place or go back the Maggiano's.

2. Please bring your check book to the meeting for full circle donation to RP
 - A. President, CTTC, Secretary, Treasurer, & RP Chair.

i. Peter Sudbeck paid, Shelley Zao paid, and Walter Horn paid

ii. Ben Bain and Preston Dickson need to get Walter a check

3. Email Newsletter Articles to Kevin Miller by Friday September 4.

Committee Chairs and Officers Reports:

1. President Elect/CTTC – Ben Bain
 - A. Great job on getting the Flyer out so soon.

i. Great Work getting this out so early.
 - B. Meeting with RVC – Is this completed?

i. Ben Bain: Yes we have met twice.
 - C. Ken Fulk is going to be kicking off the meeting with Region VIII Update.
 - D. Schedule of meeting topics.

i. Ben Bain: Yes this is complete and I will send it to you.

ii. Jeanine Bounds: Requests to the have the presentation posted online prior to the meeting so individuals have a chance to print the presentation for notes.



2. Treasurer – Preston Dickson/Shelley Zhao
 - A. 2008-2009 Audit
 - i. Audit Committee: Jeanine Bounds, Jim Bell, Mark Meyer
 - 1. Tentative Date scheduled.**
 - 2. This needs to be completed asap.**
 - B. 2008 Income Tax Return
 - C. Hand-off from Preston to Shelley
 - i. Shelley Zao: We are going to the bank tomorrow.**
 - D. 2009-2010 Budget
 - i. Need the Budget for the first Newsletter
3. Membership – Bo Twumasi
 - A. Meeting with the Regional Vice Chair.
 - i. Yes, this meeting is complete. Cameron stressed that all membership chairs need to reduce delinquencies. This needs to be a strong focus.**
 - B. Possible YEA Membership to be on BOG Committee.
 - i. Bo will ask some of the YEA Members if they are willing to participate.**
4. Student Activities – Margaret Taraba
 - A. Meeting with the Regional Vice Chair
 - i. Not yet but she is planning on having the meeting before the October meeting Deadline.**
 - ii. Margaret is also working hard to get a committee together.**
5. Research Promotion – Walter Horn
 - A. Full Circle Checks
 - i. All members have paid except Ben and Preston.**
6. TEGA – Doug Bronson
 - A. No Report**
7. Refrigeration – Rick Lobb
 - A. No Report**
8. Honors and Awards – David Arbaiza
 - A. Contacted ASHRAE to get a list of all candidates eligible for fellow and distinguished awards.**
 - B. David suggested to nominate Jerry Bartos for the ASHRAE Hall of Fame. Jerry has earned the Alco Award.**
9. Publicity – Leo Stambaugh
10. Historian – Chris Stacha
 - A. Got a list of all of the past presidents. The list was complete to 1980 and Chris is going to do research to get the rest of the Presidents completed through 1980 to 2009.**
11. Newsletter – Kevin Miller
 - A. No report**
12. Webmaster – David Pich
 - A. Creating individual officer pages
 - i. Example – Research Promotion, Last Year's numbers, Year to Date numbers, Donation Recognition Page.
 - B. Fort Worth site has pay with credit card and other additions that are great suggestions
13. Secretary – Preston Dickson
 - A. I need a copy of the Meeting minutes to send to Ken Fulk after every meeting.



SOCIETY NEWS

Building Energy Use Highlighted in Newest ASHRAE Certification Program

ATLANTA—As building owners and developers become increasingly concerned about rising energy costs and potential obligations under climate change programs, building energy modeling helps provide a preview into a building's likely energy use and allows decisions affecting energy use to be made before a shovel even hits the ground.

To ensure that professionals modeling a building's energy use have the skills necessary to produce an accurate model, ASHRAE is launching a Building Energy Modeling Professional certification.

The first exam for the new certification program will be administered on Jan. 27, 2010, at the Winter Conference in Orlando, Fla. To register for the exam, visit www.ashrae.org/BEMP.

"Energy modeling is one of the most effective ways to achieve energy efficiency when designing sustainable buildings," Gordon Holness, ASHRAE president, said. "Since buildings consume 40 percent of all U.S. primary energy supplies, and energy modeling is only as good as the consultant who uses it, ASHRAE's newest certification program strives to ensure that engineers and architects achieve the highest possible standards when it comes to sustainable design."

Criteria to improve the accuracy of building energy models will help address some of the growing concerns within the building community that building designs do not necessarily translate to actual energy use once a building is constructed.

Additionally, energy modeling will play a vital role in ASHRAE's soon-to-be launched Building Energy Quotient (bEQ) program, which will feature both an "As Designed" and "In Operation" component. While the "In Operation" rating is based on actual energy use, the "As Designed" rating is based on the results of a building energy model.

Careful and consistent energy modeling will allow modeling results to be compared with the results of models from other buildings. According to Holness, the certification will be an essential element for guaranteeing the quality of the bEQ program by assuring that there is a competent pool of building energy modelers.

Professionals who pass the certification exam will have demonstrated their ability to evaluate, choose, use, calibrate and interpret the results of energy modeling software, as well as confirm their competence to model new and existing buildings and systems with their full range of physics.

The certification will also highlight a consultant's ability to act as a leader for projects that focus on energy efficiency, especially projects that deal with green buildings and building labeling programs, such as bEQ.

The Building Energy Modeling Professional program will help the individuals who earn it to distinguish themselves by providing confirmation of their skills and specialties by an internationally recognized engineering society. Professionals with such certifications have better chances of being hired, promoted and/or tapped for working on certain types of design projects.

ASHRAE's newest certification will become available at testing centers located around the world in March 2010 and was developed in collaboration with the U.S. affiliate of the International Building Performance Simulation Association and the Illuminating Engineering Society of North America.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.



What's Happening:

Mock Eco-Design Charrette

Attendees will learn-green™ in a “hands-on” environment during a “mock” project Eco-design **Charrette**, followed by **LEED** learning sessions. Both **residential** and **small commercial** project types will be offered.

When: The seminars are scheduled to follow the *October 1, 2009* enactment of the *City of Dallas' Green Building Ordinance*. They will occur on two separate **Saturdays**.

1st. Saturday **October 24**, 2009 8:00 to 4:00 project type: **Urgent Care Clinic**

2nd. Saturday **October 31**, 2009 8:00 to 4:00 project type: **Early Childhood Learning**

3rd. Saturday **October 24 & 31**, 2009 8:00 to 4:00 project type: **Single Family Residential**

Where: AIA/Dallas Center for Architecture 1909 Woodall Rodgers Fwy, Dallas TX (first floor of the **Precept Building**)

Who: We anticipate attracting primarily **architects** and designers; however the event is open to other professionals and students.

How to register:

Register via the AIA Dallas calendar of events website: <http://www.aiadallas.affiniscape.com/calendarshowevents.cfm>

Allforms Green is collective of professionals with experience in architecture, interiors, construction, & project management. Our passion is advancing sustainability in the built environment. We fit into the roles of green building partner, assistant, educator or guide. We are here to help identify & achieve the advantages of high performance buildings. Please visit our website for more information www.allformsgreen.com, or contact us at 214.306.8396; info@allformsgreen.com.



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

		Phone	Email
President	Peter Sudbeck	972.868.3658	peter.j.sudbeck@jci.com
President-Elect/Programs	Ben Bain	972.570.4700	benb@texasairsystems.com
Research Promotion	Walter D. Horn, P.E.	214.622.6441	walter.horn@jjainc.com
Secretary	W. Preston Dickson	214.349.2320	pdickson@timberlakedickson.com
Treasurer	Shelley Z. Zhao	817.912.0800	shelleyz@mjec.com
Immediate Past President	Walter D. Horn, P.E.	214.622.6441	walter.horn@jjainc.com
Governor Membership Program	Bo A. Twumasi	972.241.9411	btwumasi@brandteng.com
Governor TEGA	Doug Bronson	214.622.6402	doug.bronson@jjainc.com
Chapter Technology Transfer	Ben Bain	972.570.4700	benb@texasairsystems.com
Student Activities	Margaret D. Taraba	214.874.0200	Mtaraba@schmidt-stacy.com

2009-2010 Dallas Chapter Committee Chairs

Historian	Chris Stacha	972.789.3435	chris.stacha@carrier.utc.com
Webmaster	David Pich	214.622.6417	dallasashrae@yahoo.com
Roster	Bob Dawson	214.765.8703	RDawson@lan-inc.com
Newsletter Editor	Kevin Miller	469.467.0200	kmiller@md-eng.com
Photographer	Paul LeMaire	972.620.3600	plemaire@frymire.com
Honors & Awards	David Arbaiza	214.350.6871	David_Arbaiza@mail.ashrae.org
Golf	Rusty Vaughn	972.570.4700	rustyv@texasairsystems.com
Publicity	Leo Stamaugh	214.369.3500	leostambaugh@cs.com
Refrigeration	Richard A. Lobb, P.E.	214.912.2864	rick.lobb@jacobs.com

The Texas Norther is published monthly by the Dallas Chapter of ASHRAE. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without prior consent of the Chapter.