



The A.S.H.R.A.E. Newsletter

American Society of Heating, Refrigeration and Air conditioning Engineers, Inc.
Southwest Florida Chapter # 139

Voted Region XII Best Newsletter for ASHRAE Year 1998-1999

November 2006 Volume 12 Issue 2



PRESIDENT'S MESSAGE

Greetings,

WOW and thank you is all I can say. When I heard that we had 50 plus people attend our October meeting, I am proud of the efforts of the board of directors, officers and all who helped in making this meeting a success. To that I apologize to the chapter in general for not being able to attend and lead the October meeting. As you may or may not know I was attending the AHR/ASHRAE show in Mexico City, Mexico. This was an interesting show in that you could have fit this show inside McCormick Center in Chicago 5 or 6 times. The show had great traffic. A little side story to this event. On the day the show opened, 1:00PM, as I made my way from the hotel to the exhibit hall, I couldn't help but notice the presence of Mexican Federal troops in troop vehicles near the hall. Dressed in full riot gear, uh oh I thought, what the heck is going on here. As I got closer to the exhibit hall there were more and more troops as well as plainclothes security people. Anyone who travels by air these days is accustomed to passing through a metal detector at the airport. So as I entered the exhibit hall I had to pass through metal detectors. At this point I'm thinking okay I'm not Kansas anymore, this must be the way shows are handled outside the US, just go with the flow.

As I found out later that day the President Elect of Mexico, was scheduled to cut the ribbon officially opening the show. At the last minute he decided not show.

Moving on, I would like to thank all of those who helped in making this years Golftober Research fundraiser a wonderful success, Golftober chairman John Pennington says all who attended had a great time. If you played in this year's event, you may have noticed that we had a silent auction to benefit research.

One of the items auctioned off was a pair of tickets to NASCAR with Pit Passes, and the Ft. Myers Miracle Baseball Suite.

We owe a great debt of gratitude to Lynn Sullivan of Travel with EASe for her hard work and diligence in making phone calls, sending faxes, writing letters in order to get these great items for our event. Lynn even sponsored a hole in the tournament. So when you are on your way to Key West, on the express ferry, or enjoying your autographed Miami Dolphins Pennant, remember Lynn.

Regards

Kurt Vega
President - Southwest Florida ASHRAE Chapter

NOVEMBER MEETING NOTICE

Topic:

Principles of Smoke Management

Guest Speaker:

**Michael E. Myers PE – ASHRAE
Member. SW Florida ASHRAE
Chapter President-Elect**

Meeting Location:

Magnolia Room
Town Center at Pelican Preserve
(just off Colonial Blvd.)

Date:

Wednesday November 15, 2006

Time:

5:00 – 6:00 Board of Governors Meeting
5:45 – 6:45 Technical Session
6:45 - 8:30 Dinner, Meeting and Program

Cost:

\$30.00 per member.

Reservations are a must!!

Email or call: Stacey Perkins
sperkins@trane.com or 239-275-4240

Register on-line @
www.swflashrae.org



This Month's Topic: Principles of Smoke Management

**Presented By: Mr. Michael E. Myers PE – ASHRAE Member – SW Florida
ASHRAE Chapter 2006-2007 President-Elect**

Topics Covered will Include:

- Smoke Management Definitions
- Smoke Management Building Code Requirements
- Example calculation procedures for atrium/malls
- Example calculation procedures for high-rise buildings
- Smoke management design software.
- Smoke management systems testing requirements.

**Past Presidents of
#139 Southwest Florida Chapter**

1982 - 1983 Edward O'Neal, P.E.
1983 – 1984 Edward O'Neal, P.E.
1984 - 1985 Dennis Holland
1985 – 1986 Ross Montgomery
1986 - 1987 Jeff Dorini
1987 - 1988 Kermit Rood
1988 – 1989 Bill Malphus
1989 - 1990 Tom Delnay
1990 - 1991 Nelson Tarbox
1991 - 1992 Gary H. Griffin
1992 - 1993 Gary H. Griffin
1993 - 1994 Jeff Zenoniani
1994 - 1995 Lisa A. Duritsch
1995 – 1996 Jason Grabowski
1996 - 1997 James Faulkner
1997 - 1998 Robert Risley
1998 – 1999 Winifred Denius
1999 - 2000 Paul Martin
2000 - 2001 Don Pine
2001 – 2002 Randy Saul
2002 - 2003 Jason Allen
2003 - 2004 Mark Brant, PE
2004 – 2005 Guy Van Meulebrouck
2005 – 2006 John Pennington

**Please help us update the ASHRAE email
list**

Email to Michael Myers at mike.myers@tlc-eng.com.
Or call 239-275-4240 mail to:

Michael Myers
TLC Engineering for Architecture Inc.
1400 Colonial Blvd Suite 203
Fort Myers, FL 33907

Please include the following:

Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Membership # _____

Membership News

The American Society of Heating,
Refrigerating and Air Conditioning
Engineers, Inc.

Employers: Post Internships for Free!

ASHRAE is offering a new internship program for ASHRAE student members and employers (seeking student interns from engineering, architectural, or construction management programs). The purpose of the program is to place ASHRAE student members in industry internships. Employers can post their available internships, and student members can research and apply to the companies directly for positions meeting their search criteria. Why wait? Post your available internships now and be a part of developing the future leaders of the HVAC&R industry! You can make a difference in the future of an ASHRAE student member.

**Call 678.539.1212 with
questions!**

Sincerely,

Keith Enwright
Membership Promotion Chair

You CAN Make a Difference!

One of the most common comments that I hear about participation in the Local ASHRAE Chapters is something like this: "My opinion or concerns do not get heard in the Regional or ASHRAE Society, therefore, why should I participate?"

Here is the answer to that comment or thought: One of the tasks that the Chapter President and President-Elect has every year is to bring forward motions for changes to ASHRAE Society. The motions are to come from the local Chapters. The motions are presented in the business session of the yearly Chapters Regional Conference. If the motion passes at CRC, it is then taken to the ASHRAE Members Council. The Members Council consists of Regional Directors and other members. The Council considers the motions and determines if they are to be pass along for future consideration.

This year's CRC for Region XII (our region) produced twenty-two motions that were passed by Region XII for further consideration by Members Council. Here are the

preliminary results of some of the motions from our region and our Chapter:

1. To refer the Region XII Southwest Florida Chapter motion [That Society develop an ASHRAE education program, and textbook(s), that can be used by colleges and university professors for teaching HVAC&R to students for our industry.] to the Publishing and Education Council with an endorsement that we support this motion.
2. To liaison with the Publishing and Education Council to identify the products needed and to address what is needed in the motion (see the Southwest Florida Chapter motion). [That Society develop an ASHRAE education program, and textbook(s), that can be used by colleges and university professors for teaching HVAC&R to students for our industry.].
3. To refer the Region XII, Southwest Florida Chapter motion [That Members Council ask SSPC 90.1 to develop more energy cost comparison models, allowing the comparison of dissimilar system types.] to Technology Council with an endorsement that this be approved.
4. To research the fiscal impact in the Region XII, Florida West Coast Chapter motion [That Society print the membership card in a hard plastic card starting July 1, 2006.] and report back to the Planning Subcommittee at the 2007 Winter Meeting in Dallas.
5. To refer the Region XII, Florida West Coast Chapter motion [That Society send each new member the most current year **Fundamentals** handbook in CD format within 30 days of their paid application being received by headquarters retroactive to July 1, 2006.] to Publishing and Education Council to determine the fiscal impact before this approved motion goes to the BOD.

ASHRAE '07 in Dallas: ASHRAE Winter Meeting Centers on Energy Efficiency

ATLANTA – ASHRAE will be showing off its technical expertise at the 2007 AHR Expo in January. For the first time, 16 technical sessions will be held at the AHR Expo during the 2007 ASHRAE Winter Meeting in Dallas. Designed to share ASHRAE's technical guidance with Expo attendees, the sessions include topics such as vibration control, energy-efficient ventilation systems, using ground-source heat pumps in schools, and new BACnet capabilities.

"Offering attendees an opportunity to learn about the latest advancements in technology via the technical program complements the Expo, which features those advancements being incorporated into products and equipment," says Ginger Scoggins, chair of the program committee. "These

sessions make ASHRAE's meeting and top-rate technical program more visible while at the same time drawing more meeting attendees to the expo."

In addition, ASHRAE will present a comprehensive technical program at the Adam's Mark Hotel, January 28-31. The overall six-track technical program centers around energy efficiency in buildings and includes such seminars as Achieving a 50 Percent Approach to Net Zero Energy Use in Buildings and Risk Management of Infectious Airborne Diseases. The technical program consists of 67 seminars plus the 16 seminars at the convention center, 12 open-discussion forums, one public session, one poster session with 21 papers presented, and 18 transaction sessions with a total of 48 papers presented.

Also new for this year is the technical plenary speaker, National Geographic Magazine Executive Editor Dennis Dimick. Dimick, a picture editor specializing in environmental stories for more than 15 years, will address technical program attendees between sessions on Sunday, Jan. 28 at 9:30 a.m. at the Adam's Mark hotel about a 2004 project he oversaw on global climate change. Meeting registration is required to attend.

Registration for the 2007 ASHRAE Winter Meeting is \$630 (\$360, ASHRAE member) prior to Nov. 17. After Nov. 17, the registration fee will be \$655 (\$385, ASHRAE member). The deadline for advance registration is December 15. For more information or to register, visit www.ashrae.org/dallas.

Held with the ASHRAE Winter Meeting is the ASHRAE co-sponsored International Air-Conditioning, Heating, Refrigerating Exposition, Jan. 29-31, at the Dallas Convention Center. For more information, contact International Exposition Company at 203-221-9232, info@ahrexpo.com, or visit www.ahrexpo.com.

Focus on Small Retail: ASHRAE Releases Next Advanced Energy Design Guide

ATLANTA – Buildings designers are one step closer to a net-zero energy building.

Published by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), the *Advanced Energy Design Guide for Small Retail Buildings* is the second in a series of publications that cover various types of building construction. Intended for use by builders, contractors and architects, the guide covers energy-efficient design for retail buildings up to 20,000 square feet.

"The purpose of the design guide is to provide a simple, prescriptive menu of options that will result in a building using 30% less energy than those constructed in accordance with the 1999 version of ASHRAE Standard 90.1, the foundation for energy efficiency in building codes throughout the United States," said Merle McBride,

chairman of the committee overseeing the book's creation. "Those looking to achieve a LEED certification from the U.S. Green Building Council (USGBC) will find this guide particularly useful."

The guide offers energy efficiency guidance in many areas, including lighting, HVAC efficiencies, windows, skylights and envelope measures. A major difference from Standard 90.1 is that the guide provides equipment efficiencies by climate zone to take into account varying environmental factors, instead of having one number for the entire United States.

The guide resulted from collaboration among ASHRAE, the Department of Energy, USGBC, Illuminating Engineering Society of North America (IESNA) and the American Institute of Architects (AIA). The retail industry provided guidance to the guide's development team to ensure building owner perspectives were considered when forming design recommendations. To help in future editions, users of the guide will be able to provide feedback via an Internet link.

The guide is part of a series of ASHRAE publications that will progress toward providing net-zero energy designs for buildings of various types. The first publication in the series focused on small office buildings, and the next energy design guide will address K-12 schools.

"This is a long-term endeavor by ASHRAE," said McBride. "ASHRAE is focusing on improving the energy efficiency of the nation's building stock, targeting where the greatest energy-saving impact can be achieved."

The cost of the *Advanced Energy Design Guide for Small Retail Buildings* is \$59 (\$49, ASHRAE members). To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, by mail at 1791 Tullie Circle NE, Atlanta, GA 30329, or visit the ASHRAE.org Bookstore at www.ashrae.org.

New Meeting Location!

Our Meeting location has changed, we will now be meeting at the Magnolia Room at Pelican Preserve.



Statements made in this publication are not expression of the Society

ASHRAE 2006-2007 Chapter Meeting Dates

Meeting Date	Program	Speaker / Representative	Location
Sep. 13, 2006	Legislative Update – Actions Impacting Your Business	Anna Cam Fentriess	TCAA
Oct.11, 2006	EFFICIENCIES IN K-12 SCHOOLS	Verle Williams PE	Magnolia Room at Pelican Preserve
Oct, 20, 2006	Golftoberfest	John Pennington	Magnolia Room at Pelican Preserve
Nov. 15, 2006	Smoke Control Systems	Michael E. Myers PE	Magnolia Room at Pelican Preserve
Dec. 13, 2006	Everblades Hockey Game and Dinner		Germain Arena
Jan. 10, 2007	Conditioning of Outside Air	Ray Patenaude	Magnolia Room at Pelican Preserve
Feb 14, 2007	Thermographics and It's Application to HVAC	Jim Thompson	Magnolia Room at Pelican Preserve
Mar. 14, 2007	Controls Roundtable	TBA	Magnolia Room at Pelican Preserve
Apr. 11, 2007	Refrigeration	TBA	Magnolia Room at Pelican Preserve
Apr.,2007	7th Annual 8-Ball Pool Tournament	Lisa Duritsch	TBA
May 9, 2007	LEED and Sustainable Design	Terry Townsend PE– President – ASHRAE / Kim Shinn PE Director of Sustainable Design – TLC Engineering for Architecture Inc.	Magnolia Room at Pelican Preserve
TBA	8th Annual Backwater Fishing Tournament	Dean Sanders/ Keith Enwright	Rum Runners
TBA - June	President's Party		TBA

A.S.H.R.A.E - Southwest Florida Chapter 2006-2007 Officers and Committee Directory

Chapter Officers:

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Fax: 239-275-3511

Vice President

Randy Munsey
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Fax. 239-997-5101

Treasurer

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Stacey Perkins
Ph. 239-275-9240

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Gary Griffin
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John Pennington
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ASHRAE
1-800-527-4723

Chapter Committee Chairpersons:

Chapter Technology and Transfer Committee (CTTC)
Roger Coll
239-275-9420

Programs

Larwin Ellis
Ph. 239-275-4240

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Membership
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Resource Promotion
Sam Moreland
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Chapter Committee Chairpersons:

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