

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

Southwest Florida Chapter # 139



Voted Region XII Best Newsletter for ASHRAE Year 1998 - 1999, 2006 – 2007 & 2008 -2009

www.swflashrae.org

Meeting Notice

Topic:

VARIABLE REFRIGERANT FLOW (VRF) SYSTEMS

Guest Speaker:

Jeff Endrulat, Sales Engineer, Daikin A/C, Inc.

Meeting Location:

Magnolia Room

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

Time:

5:00 – 6:00 Board of Governors Meeting
5:45 – 6:45 Social Hour
6:45 – 8:30 Dinner, Meeting and Program

Date:

**Wednesday
October 14, 2009**

INSIDE THIS ISSUE

Meeting Notice	1
ASHRAE Heads to Florida	1
Presidents Message	2
Membership	2
Region XII RP RVC	3
Past Presidents	4
Chapter & Regional Webmaster	4
This Month's Topic	5
YEA Night / 2008-2009 Donor's	5
Meeting Dates	6

Cost:

\$30.00 Reservations are required.

RSVP to Stacey Perkins:

(239) 275-9420

Or

Sp Perkins@trane.com

Or on line at:

www.swflashrae.org

If You Can't Stand the Heat...Manage the Humidity: ASHRAE Heads to Florida for 2010 Winter Conference

ATLANTA—"It's not the heat, it's the humidity," is often used to explain the less-than-comfortable temperatures in Florida. With that in mind, there seems to be no better place to discuss this winter's conference theme: Building Sustainability from the Inside Out. Whenever the temperatures outside are too hot or humid to handle, ASHRAE ensures that indoor environments are comfortable and, most important, sustainable.

ASHRAE's 2010 Winter Conference will be held in Orlando, Fla., from Jan. 23-27, at the Rosen Shingle Creek hotel. The International Air-Conditioning, Heating, Refrigerating Expo, held in conjunction with the

Conference, will run Jan. 25-27. The Expo will take place at the Orange County Convention Center, a short distance from the Conference headquarters hotel.

The technical program will feature more than 90 programs and 300 speakers addressing challenges and solutions to such industry issues as key ASHRAE standards' impact, humidity control applications, sustainable buildings' performance, energy conservation and alternative energy practices and professional skills improvement. The complete technical program will be posted online Sept. 30 at www.ashrae.org/orlando.

Please see **Heat** on page 3



Presidents Message

By Randy Munsey

President's Message:

Our September meeting was well attended and our speaker, Mark Shultz, an attorney from Henderson and Franklin, gave an informative talk concerning lien laws as they apply to our trades. Our annual **Golftoberfest golf tournament** was held at Pelican Preserve Friday October 9th and was as successful as the current economic times would allow and was enjoyed by all the attendees. We **greatly appreciate the help** of all of our volunteers and a special thanks to **Woody Wilson**, our tournament chairman, for a great event.

October's meeting will be **Research Promotion Night**. **Dan Rogers, our Regional Vice Chair for Research Promotion**, will be attending this meeting. Our program will be presented by Jeff Endrulat and will be featuring variable refrigerant flow systems. Join us in giving Dan and Jeff a warm welcome.

Our local chapter operates on the \$25.00 local dues that all of our members pay each year. Please make



*Randy Munsey Southwest Florida
Chapter 139 President*

sure that your local dues are paid as well as the national dues that we all pay. Please continue to give us your input concerning programs and services that we can arrange to serve you better. ASHRAE belongs to all of the members and your input makes it better for all.

Sincerely,

Randy Munsey
2009-2010 SWFLA ASHRAE Chapter President

Membership

By Autumn Spalding



*Autumn Spalding – Southwest Florida
Chapter Membership Promotions Chair.*

The American Society of Heating, Refrigerating and Air-Conditioning Engineers advances the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world. Membership is open to any person associated with the field including indoor air quality, building design and operation, and environmental control for food processing and industry.

Membership in ASHRAE allows access to information about state-of-the-art HVAC&R technology and provides many opportunities to participate in the development of that technology. Participation is available locally, through chapters, and through membership on Society committees, such as standards projects committees, which are responsible for the

development of standards, and technical committees which advise the Society on research needs, emerging technologies, and technical matters.

New Members and Associates will receive the 2010 ASHRAE Handbook—Refrigeration in June 2010.



Heat from page 1

In keeping with ASHRAE's goal of continuing education the Conference offers over 200 Professional Development Credits, as well as Continuing Education Units, which can be applied toward a Professional Engineering license. Full-day Professional Development Seminars will include the new Energy Management in New and Existing Buildings: A Sustainable Activity, as well as Complying with Standard 62.1-2007, Complying with Standard 90.1-2007, The Commissioning Process in New and Existing Buildings and Data Center Energy Efficiency. An additional 17 Half-day Short Courses are also being offered, including the new District Heating & Cooling Systems and Basics of Cleanroom Design courses.

The Conference will also serve as the launch of ASHRAE's newest certification program, the Building Energy Modeling Professional certification. For information on the four other certifications offered by ASHRAE visit www.ashrae.org/certification.

This winter's technical tours will spotlight how technology developed by ASHRAE members is practically applied in buildings and includes Darden Restaurants' new headquarters, the University of Central Florida's Burnett School of Biomedical Sciences, the Climate Change Education Center at the Orange County Convention Center and the Florida Solar Energy Center.

When members are not attending courses at the Conference, observing the technological advancements featured at the AHR Expo or touring the local sustainable buildings, they are encouraged to explore popular Orlando destinations, such as the Kennedy Space Center, by taking a general tour or dominate the competition at the Wii Tourney being held as part of Members' Night Out.

Those who take advantage of the early-bird registration before Oct. 31 have the opportunity to save up to \$180. Complete information is available at www.ashrae.org/orlando.

ASHRAE RP RVC for Region XII Visit to SW Florida Chapter October 2009

Our RP RVC visit this month is by Mr. Daniel Rogers, PE. with Region XII's Regional Vice Chair (RVC) for Research/Resource Promotion. Mr. Rogers graduated from the University of Wisconsin- Madison with a BS in Mechanical Engineering in 1983 and a Masters in Business Administration in 1985. He became a Professional Engineer in the State of Florida in 1992. Mr. Rogers has been a Controls Contractor with Rogers & Associates in Orlando, Florida. As some of you may know, he most recently worked in South Florida for York

International and then Johnson Controls. Currently, he directs the Manufactures Representative firm of Flow Control Technology Company LLC in Tampa. Dan has been involved with ASHRAE since the 1980's in the Central Florida Chapter when he lived in Orlando. Dan continued his participation in the Gold Coast & Miami Chapters while he lived in South Florida. And currently is a member of the Florida West Coast Chapter.

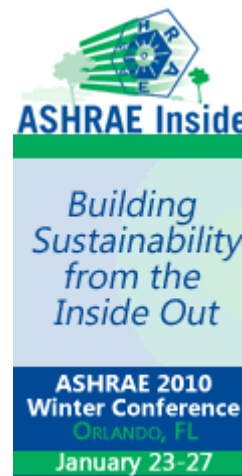
Currently Dan is our Regions RP RVC and is visiting to thank all of the generous Research/Resource Promotion donors personally. He looks forward to visiting with the outstanding RP performers of the SW Florida chapter. See you at the October 2009 meeting.

Dan Rogers Research Promotion RVC Region XII



ASHRAE Winter Conference Jan 23-27

For more information on the 2010 Winter Conference, visit www.ashrae.org/orlando.





Past Presidents of
Southwest Florida
Chapter #139

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
2006 - 2007	Kurt Vega
2007 - 2008	Mike Myers
2008 - 2009	Sam Moreland

Please help us update the ASHRAE email list

email to Kurt Vega at kurt.vega@emerson.com.
Or call 239-693-7200 X 218 mail to:

Kurt Vega
Emerson Industrial Automation / Control
Techniques.
5580 Enterprise Parkway
Fort Myers, FL 33905

Please include the following:

Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Membership # _____

From your Chapter and Regional Webmaster:

We are seeking sponsorship for our Chapter's website. If you are interested, please send your business card or logo along with \$20 for one year of advertisement on the Chapter website. Also, I am in need of pictures of the SW Florida scenery that I can use for a new Title banner background. If you have any pictures that you think would show our wonderful climate and scenery, please forward to me in jpeg or gif format. mmyers@jalrw.com



This Month's Topic: – VARIABLE REFRIGERANT FLOW (VRF) SYSTEMS

Back Ground:

Variable refrigerant flow, or VRF, systems are very popular in Asia and Europe. It is only recently have they become more popular in the United States. In Japan, VRF Systems are used in nearly 50% of medium-sized commercial buildings (up to 70,000 ft²), and 33% of large commercial buildings (over 70,000 ft²), (Smith, L. 2006. "A Daikin Perspective on VRF." Daikin Air Conditioning U.K.)

In this presentation, we will look at the history of variable refrigerant flow systems and the basic operation of these systems. We will discover the many benefits of these types of systems as well as look at what the future may hold.

Guest Speaker:

Jeff Endrulat, Sales Engineer, Daikin A/C, Inc.

YEA NIGHT

Friday, October 23, 2009

- Event:** Please join us on this YEA night to meet and socialize with fellow peers, while enjoying a few drinks / cocktails at the bar.
- Dress:** Business Casual
- Time:** 5 p.m. – 7 p.m.
- Place:** Horse and Carriage Restaurant and Pub
2431 Cleveland Ave.
Fort Myers, FL 33901
- Contact:** RSVP and send questions to:
Ashley Fernandez, YEA Chair
afernandez@bandicontractors.com
239-332-4646

These donors helped to exceed our chapter's goal for Research for 2008 - 2009

Anthony Crane	Florida Air Solutions	Mr Randy Munsey
Applied Dehumidification	Florida Industrial Products	Mr Sam Moreland
Aqua Air Products	G L Spies Company	Mr William Malphus
B&I Contractors	Hollimyer Insulation	Ms Stacey Perkins
Belimo Aircontrols	Metalaire	Nemeth Air Conditioning
Boyd Brothers	Michaels Catering	Oswald Tripple & Co
Brockmeyer Insulation	Mr Andrew Ask	Professional Air Balancing
Captive Aire Systems	Mr Charles Spelman	Specialty Products & Insulation
Carrier of Southwest Florida	Mr Dennis Holland	Tampa Bay Liebert
Carroll Air Systems	Mr Gary Griffin	Tom Barrow Company - Ft Myers
Commercial Air Management	Mr Jason Grabowski	Trane
Conditioned Air	Mr John Abramson	Travis Reprographics
Diversified Fluid Controls	Mr John Pennington	United Mechanical
Emerson/Control Techniques	Mr Lawrin Ellis	Victor Distributing Co
ESSI	Mr Randall Saul	Waterside Mechanical

Statements made in this publication are not expression of the Society



Southwest Florida Chapter

Meeting dates:

September 9 – Mark Schultz – Lien Laws (YEA and Membership) Ross Montgomery Region XII DRC will be attending.

October – GolftoberFest

October 14 – Jeff Endrulat – Variable Refrigerant Flow Systems (Research Night) Research RVC Dan Rogers will be attending.

November 11 – Collier Car Museum Tour (CH Motorcar) Dinner at Spanky's Speakeasy

December 11 – Hockey Night - Florida Everblades Tour and Game (Membership Night)

January 13 – Drury Crawley (Distinguished Lecturer) – Are High Performance Buildings Really Performing? (Joint with AIA and USGBC)

February 10 – Gordon Holness - President's Meeting

February – Pool Tournament

March 10 – Ken Buschle - LEED v3

April 14 – Nick Agopian – Gas Phase Filtration

April– Fishing Tournament

May 12 – Panel Discussion

The Officers

President – Randy Munsey 239-337-1300 RandyM@crowther.net

President-Elect – Lawrin Ellis 239-275.4240 lawrin.ellis@tlc-eng.com

Vice President – Autumn Spalding 239-332-4646 aspalding@bandicontractors.com

Secretary – Chuck Spelman 239-770-2930 cspelman@spelmanengineering.com

Treasurer – Stacey Perkins 239-275.9420 sperkins@trane.com

The Chairs

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Membership Promotion – Autumn Spalding 239-332-4646 aspalding@bandicontractors.com

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Student Activities - Robin Sikorski 239-332-4646 Rsikorski@bandicontractors.com

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John Pennington – 239-633-8197 John@boyd-hvac.com

Don Pine – 239-939-4502 dpine@umihvac.com

Gary Griffin – 239-332-4646 Garyg@bandicontractors.com

Kurt Vega – 239-464-3762 kurt.vega@emerson.com

Golf Tournament Chair

Golf Tournament Chair – Woody Wilson 239-209-6626 wwilson@tombarrow.com

Website

www.swflashrae.org

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