Meeting Notice

Topic:
IAQ Procedure

Meeting Location:
Town Center at Pelican Preserve, Magnolia Room
(Just East of I-75 off Colonial Boulevard)

Date:
Wednesday, November 9th, 2011

Time:
5:00 – 5:45  BOARD OF GOVERNOR’S MEETING
5:30 – 6:30  SOCIAL HOUR
5:45 – 6:15  TECH TOPIC ON THERMAL IMAGING BY
JENNIFER ISENBECK
6:30 – 8:30  DINNER MEETING AND MAIN PROGRAM

Cost:
$35.00 PER ATTENDEE – RESERVATIONS ARE A MUST

RSVP to Heather Tompkins at B&I Contractors: 239-332-4646

Pre-pay by the meeting and save $5.00 on our chapter website www.swflashrae.org.

DONOR RECOGNITION NIGHT!

RAFFLE TICKETS FOR A $25 PUBLIX GIFT CARD WILL BE AVAILABLE,
WITH ALL PROCEEDS GOING TO ASHRAE RESEARCH.

Statements made in this publication are not expression of the Society
Greetings to all.

We have started the year off with a bang. A couple well attended meetings and a very successful golf outing are under our belt. Thanks to all those who helped and to all the sponsors! It was great to see a lot of new faces at the golf outing. If you have employees or colleagues who are new to ASHRAE, encourage them to join and get involved with our chapter. If they are 35 years of age or under, they can get involved with YEA; Young Engineers in ASHRAE. We have an energetic group of officers and volunteers, but we can always use more help. It is sometimes hard work, but we have fun too. It is also rewarding to learn new things and make new contacts.

Several members have expressed an interest in participating in a planned Sporting Clay Shoot event. It will not happen in November, but are still planning it for some time in January. Stay tuned.

Sam Moreland has been diligently upgrading our chapter website. It is now easier to keep it updated with current photos and scheduled events. And the online Paypal account is working more efficiently. Check it out.

The speaker this month will discuss ASHRAE’s IAQ Procedure for calculating the required ventilation air in a building. As an added bonus, we will have a Tech Topic on Thermal Imaging at 5:45 pm prior to dinner. See you there!

Sincerely,
Chuck Spelman, P.E.
President 2011-2012

Hello Everyone,

Membership is on a roll. We have another new member this month and I am looking forward to many more. This is the time of year when we have special meetings. Next month’s tour of the incinerator plant would be a great place to introduce a perspective member to who we are. Think about all the people you come into contact with professionally on a daily basis. Could they be our next member?

Our new member this month is Mrs. Socorro Jurvisto. She holds a BS in Civil Engineering from Peru and a MS in Software Engineering from the University of West Florida. She has about 12 years of experience in the engineering field from vertical construction and building sustainability. Currently she is working for TLC Engineering. Please take a moment at our next meeting to introduce yourself.

If you would like me to contact someone about joining, please send me an email. I would love to help. Hope to see you at the meeting.
DOE Officially Determines ASHRAE Standard 90.1-2010 Saves More Energy than 2007 Version; States Required to Certify Compliance by October 18, 2013

Excerpts taken from the ASHRAE web article “DOE Officially Determines ASHRAE Standard 90.1-2010 Saves More Energy than 2007 Version; States Required to Certify Compliance by October 18, 2013.”

This week the U.S. Department of Energy (DOE) issued its final determination that ANSI/ASHRAE/IES Standard 90.1-2010 Energy Standard for Buildings Except Low-Rise Residential Buildings saves more energy than Standard 90.1-2007. Specifically, DOE found national source energy savings of approximately 18.2 percent, and site energy savings of approximately 18.5 percent, when comparing the 2010 and 2007 versions of Standard 90.1.

Please note: When comparing Standard 90.1-2010 with the 2004 version, site energy savings for Standard 90.1-2010 are 32.6 percent and energy cost savings are 30.1 percent (without plug loads). With plug loads, site energy savings are estimated at 25.5 percent, and energy cost savings are 24 percent.

This week’s DOE determination compared Standard 90.1-2010 with the 2007 version.

As a result of this week’s DOE final determination, states are required to certify by October 18, 2013 that they have reviewed the provisions of their commercial building code regarding energy efficiency and updated their code to meet or exceed Standard 90.1-2010. States may request extensions of this deadline from DOE if a state can demonstrate that it has made a good faith effort to comply with this code update.

State, Local, and Provincial Affairs Roundup

Excerpts taken from the ASHRAE web article “State, Local, and Provincial Affairs Roundup”

- Florida Governor Rick Scott (R) and Massachusetts Lieutenant Governor Timothy Murray (D) both announced science, technology, engineering, and mathematics (STEM) education initiatives in recent days. Building a pipeline of up-and-coming engineers is a priority for the Society as a whole, so ASHRAE members in the Sunshine and Bay States are encouraged to speak with your colleagues in the profession, seek alliances with other engineering societies, and support these proposals.

- Several Canadian ASHRAE members are working actively within the development process to incorporate ASHRAE standards within the newest iteration of the Canadian Building Code and the new model National Energy Code. This is just part of an effort to enhance public policy outreach in Canada, for which ASHRAE is seeking “champions” to be part of its grassroots corps of engineer-advocates.

- ASHRAE staff will be on the road the next two weeks, visiting Hartford, Connecticut October 26-27 and in Tacoma, Washington, November 1-3; both journeys relate to regional energy efficiency partnership conference attendance (the Northeast Energy Efficiency Partnerships and the Northwest Energy Efficiency Alliance, respectively). If you are an ASHRAE member in one of those areas and have an interest in learning more about our government affairs efforts, please let us know by contacting Mark Wills at mwills@ashrae.org.

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Past Presidents of Southwest Florida Chapter #139

<table>
<thead>
<tr>
<th>Year</th>
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<tr>
<td>1982-1983</td>
<td>Edward O’Neal, P.E.</td>
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<td>Tom Delnay</td>
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<td>Paul Martin</td>
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<td>Don Pine</td>
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<td>Randy Saul</td>
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<td>Jason Allen</td>
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<td>2003-2004</td>
<td>Mark Brant, PE</td>
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<td>2004-2005</td>
<td>Guy Van Meulebrouck</td>
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<td>John Pennington</td>
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<td>2006-2007</td>
<td>Kurt Vega</td>
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<td>2007-2008</td>
<td>Mike Myers</td>
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<td>2008-2009</td>
<td>Sam Moreland</td>
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<td>2009-2010</td>
<td>Randy Munsey</td>
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<td>2010-2011</td>
<td>Lawrin Ellis, P.E.</td>
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Immediate past ASHRAE President Lynn G. Bellenger, who served as the first woman president in the Society’s 116 year history, passed away Wednesday, Oct. 19. She was president for the 2010-11 Society year, with her term ending in June 2011.

Mrs. Bellenger was a founding partner of Pathfinder, which was established in 1998. Mrs. Bellenger and her three business partners founded the firm to share with clients their passion for design and analysis. During her tenure with Pathfinder, Mrs. Bellenger provided energy engineering and energy modeling services to clients in New York, and across the country. She was a leader in developing energy modeling software, techniques and standards that are common to industry practice today.

She was active in several organizations, most significantly the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE). Throughout her career, Mrs. Bellenger served ASHRAE at the local, regional, national and international levels. From June 2010-June 2011, she served as the first female president of ASHRAE’s board of directors, on behalf of the 55,000 members worldwide. This was the fulfillment of a long-held goal for Mrs. Bellenger, who with her husband Neil, traveled to dozens of states in the US and to nearly 20 countries including India, Egypt, Japan, and Brazil.

Mrs. Bellenger’s professional career began after graduating from Principia College with a Bachelor’s Degree in mathematics and from Rutgers University with a Master’s Degree in environmental science. She began working at Xerox Corporation with a focus on energy conservation. While at Xerox she began her studies to become a Professional Engineer and was licensed in several states — a challenging course since her education was not in engineering. In 1977, she and Donald McGeddy, who began the energy program at Xerox, left the company to form a consultancy providing energy studies and analysis to firms nationwide. They worked together until 1991, when Mrs. Bellenger joined the former Sear-Brown Group.

Did you know?

Please visit www.ashrae.org to get ASHRAE related articles and publications. Also, you can manage your ASHRAE membership on the website too!

Please sponsor your local ASHRAE chapter! For only $100.00, you can have your company’s logo listed within the newsletter and on the chapter’s website. Contact Heather at heatherhsi@gmail.com for additional information.
This Month’s Topic:
IAQ Procedure

Back Ground:

Our speaker will discuss Indoor Air Quality (IAQ) Procedure, while focusing on the following:

- The positive effects of a higher ion count
- How Bipolar Ionization technology works
- Product performance – laboratory testing
- Products
- Selection guides
- Target applications
- ASHRAE’s IAQ Procedure (and the IMC Exception)
- Cost analysis of a typical project
- How to design an IAQ Procedure project
- CO2 discussion
- Validation study
- Worldwide references
- Technology summary

Guest Speaker: Larry Sunshine

Lawrence T. Sunshine brings with him more than 20 years experience as both an engineer and executive in the HVAC and IAQ industries. As Vice President of Sales and Marketing for Plasma Air International, he oversees their expansion into the North American Indoor Air Quality market while advancing the company’s global business development strategy.

A native of Rye Brook, NY, Mr. Sunshine graduated from the University of Rochester in Rochester, N.Y. with a B.S. in Mechanical Engineering, and has participated in executive management programs at the Graduate School of Business at Columbia University. He has been an active member of ASHRAE, was appointed a board member of SPIDA, and has served as a guest speaker at various industry events.

Special Note:
$25 Publix gift card raffle tickets will be available with all proceeds going to ASHRAE research.
Southwest Florida Chapter Meeting and Event dates: 2011/2012

September 14, 2011
FP & L Rebates / Membership Promotion
Richard Brooks, P.E.

October 8, 2011
Golf Tournament
Rick Junkins

October 12, 2011
Understanding Acoustic Performance
Cleve Doyen

November 9, 2011
IAQ Procedure
Larry Sunshine

December 14, 2011
Incinerator Tour

January 11, 2012
2010 Florida Energy Code
Possible joint meeting with Sarasota

February 8, 2012
ICRA Requirement
Marlene Landers

March 14, 2012
ASHRAE “BeQ” Energy Labeling Program Overview
Ross Montgomery, P.E.

April 11, 2012
Retro-commissioning for Existing Buildings
Dave McFarlane

May 16, 2012
Past Presidents Night
Ronald Jarnagin, ASHRAE President

May
Fishing Tournament / TBA

The Officers
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Vice President – Woody Wilson (239) 278-1988 Wwilson@tombarrow.com
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Y.E.A. Chair and Refrigeration- John Stischok (239) 332-4646 jstischok@bandicontractors.com
Newsletter – Heather Hsi (813) 258-6609 heatherhsi@gmail.com
Webmaster – Sam Moreland – (239) 275-9420 Sam.Moreland@Trane.com
Golf Tournament Chair—Rick Junkins (239) 277-0029 rick@cam-hvac.com
Reception Committee Chair—Heather Tompkins (239) 332-4646 htompkins@bandicontractors.com
Honors and Awards—Lawrin Ellis (239) 275-4240 Lawrin.Ellis@tlc.eng.com
Advocacy Chair—Gary Griffin (239) 332-4646 Garyg@bandicontractors.com

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Kurt Vega Vega.Kurt@gmail.com

Website
www.swflashrae.org

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Golftoberfest 2011!

Thank you to all who came out to our 2011 SWF ASHRAE Golftoberfest! This year was HUGE success raising $12,000 for ASHRAE Research! We want to give a special THANK YOU to:

- Robin Bryant with B & I Contractors, Inc.
- Rick Junkins Commercial Air Management
- Alex Perez – Commercial Air Management
- Sarai Orama – Commercial Air Management
- David Cranfield – Conditioned Air
- Brooke Austin – Core Air
- Bill Malphus – GL Spies

- Applied Dehumidification
- Aqua Air
- Atlas Engineering
- B & I Contractors, Inc.
- Beck
- Blygold
- Boyd Brothers
- Commercial Air Management
- Carroll Air
- Conditioned Air
- Core Air
- Diversified
- Duct Detectives
- ESSI
- Ferguson

- FHSi Mechanical
- Florida Air Solutions
- Flow Control Technology
- FPL
- George Isreal
- GL Spies
- Johnson Controls
- Kruegar
- Page Mechanical
- Slade Ross
- Smith & Casady
- Spelman Engineering
- Stan Weaver
- Technical Commissioning
- TLC Engineering for Architecture
- Tom Barrow
- Tom S. Lobrano
- Total Air Solutions
- Trane
- United Mechanical
- Vickery and Company
- Waterside
- Wentco

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