

The Sarasota Bradenton Section is sponsored by the Florida West Coast chapter of ASHRAE <http://www.ashrae-fwc.org/>

Sarasota Bradenton Section Newsletter



Hot Topics...Cool Breezes

Meeting Dates and Events

- ⇒ April 17; Julie Ferguson; Standard 55
- ⇒ May 21 Standard 189.1; DL Tom Lawrence
- ⇒ June 19-Social at "The Roast" in Sarasota
- ⇒ July 17; Michael Sheerin TLC Engineers; Hospital High Performance buildings
- ⇒ August 2014; ASHRAE Region 12 CRC in Jacksonville Florida



Greetings, from our President Erick Phelps

LETTER FROM THE PRESIDENT: The weather is warming up which means that those HVAC systems you have designed or installed will be put to their test! It's hard to believe that summer is quickly approaching. The Section Board has been busy putting together programs that will benefit you in the months to come. In addition we will be having our second social in June! Keep reading to find out what else is happening in our ASHRAE Section.

This year has been filled with informative Programs that have focused on ASHRAE Standards. We will continue this in the future so that you experience the importance ASHRAE plays in your career.

In the last month we have lost three great friends, Raoul Webb, Bob Heath and Philippe Jean. Each one of them will be dearly missed by those that were fortunate to be a part of their lives. Our thoughts and prayers go out to the families of these special men.

In a couple months I will pass on the Presidency. It has been an honor to serve you as President and I look forward to continue my involvement in the growth of our Section always striving to attain our Mission: "Provide a forum to educate, network and unite those who have interests in the building systems industry providing end users with healthy, sustainable and productive buildings." Let me know if you have any ideas to improve our Section or would like to help out. I look forward to seeing you at our next meeting coming up soon !

Erick A. Phelps, P.E., President, Sarasota/Bradenton Section of ASHRAE ephelps@ssr-inc.com

***** Next Meeting; April 17, 2014 ; 6pm-8pm; Holiday Inn Lakewood Ranch; Speaker: Julie Ferguson of Applied Dehumidification Inc. based out of Tampa Florida ; "ASHRAE 55 and how it applies to Engineering"**

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Region 12 Chapters Regional Conference planned for Jacksonville Florida



Region 12 CRC Technical Session

**Thursday July 31, 2014
1:30 pm – 5:30 pm**

**Hotel ;Hampton Inn
Oceanfront**

The annual Region 12 CRC is planned for Jacksonville Florida, during the dates of July 30-August 2, 2014. Mark your calendars for this must attend event. We are

planning a technical session for Thursday July 31, 2014. If you have some subjects you want to see covered please let me know.

More information can be obtained from the ASHRAE Region 12 website.

<http://ashraeregion12.org>

Or, CRC Chairman: Joe Nagy

joe.nagy@trane.com

(904)891-8487

If you're going to be able to look back on something and laugh about it, you might as well laugh about it now.

— Marie Osmond



Meet Your Leaders 2013-14

Note: VP Heather Tank has taken a new position in New Orleans; She will be leaving our Section soon. See page 6 for the nomination slate for 2014-15.

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alex.gicale@captiveaire.com

Tony Moreland-Governor
TMoreland@trane.com



Past
“Programs”
Sarasota
Bradenton

Section; July-December 2013; January-March 2014:

- July; Commissioning/Standard 202-2013; Ross Montgomery, P.E., CxA, CPMP, BEAP, BEMP.
- August: CRC Technical Session/Commissioning, bEQ, IAQ, Energy, Hot and Humid Climates, Women in Engineering.
- September; State College Lakewood Ranch Mechanical Systems technical tour; Roberto Garcia

- October; Kitchen Hoods; ASHRAE Standard 154/UL-710; Alex Gicale
- November; Energy Standard 90.1-2013; Chris Mathis
- January 2014 ; Joint USGBC meeting
- February 2014; Al Veeck and Standard 52 (Filtration)
- March 2014; MACCA Joint meeting; Panel discussion ASHRAE Standard 62 (Commercial Ventilation, listed Hoods, and UL 710)

Victor Distributing makes our Name Tags

Victor Distributing Company with offices and warehouses in St Petersburg and North Port, graciously donated their time and efforts to make our name tags for our Section. Please join us in our praise and appreciation to Craig Nelson and Mr. Barnum and all employees of Victor for their support of our ASHRAE Section. This was a program about commercial ventilation rates, use of listed hoods and UL Standard 710, make up delivery and tempering, advance fire safety and energy



ASHRAE Standard 189.2 Transforms itself into ICC/ASHRAE 700:

WASHINGTON, March 27 - The National Association of Home Builders (NAHB), building science society ASHRAE and the International Code Council (ICC), developers of the ICC Family of Codes for the built environment, today agreed to jointly develop the 2015 edition of the ICC/ASHRAE 700 National Green Building Standard. This cements the position of the National Green Building Standard as the preeminent green standard for residential construction.

Now known as the ICC 700 National Green Building Standard (NGBS), it was updated in 2012 by a subsequent consensus committee and again approved by ANSI. NGBS has been used to certify more than 32,000 single- and multifamily homes and residential developments for reaching its established benchmarks for energy, water and resource efficiency, indoor environmental quality, home owner education and site development.

As one of the nation's leading societies for building technology, ASHRAE brings years of experience and knowledge to the table, particularly in the areas of indoor environmental quality and energy efficiency ASHRAEs welcome involvement will help position the ICC/ASHRAE 700 National Green Building Standard even further ahead as the leading consensus standard in the industry.

ASHRAE bEQ Building Energy Labeling Program Major changes

Building Energy Quotient (bEQ) is a building energy labeling and rating program that lets commercial building owners discover opportunities to lower building operating cost, benchmark their energy use, and make informed decisions to increase value. The bEQ label is actually two labels in one: an *In-Operation* label that

rates a building's energy performance by using actual measured energy use, and an *As-Designed* label that rates the as-built conditions of the building by using modeled energy use under standardized conditions.

A new law in Florida, effective July 1, 2013 requires an energy rating on all residential and commercial buildings; see HB 269 on the Florida Government website. New amendments to the existing legislative language and law is being crafted by ASHRAE and their lobbyist and is due to be voted on by the Legislature in March-April 2014.

In December 2013, the committee added Professional Engineers to its list of qualified providers, as well as using ASHRAE Standard 100 as its basis to establish the baseline median EUI.

<http://buildingenergyquotient.org/>



With Regrets, local ASHRAE member Obituary March 13, 2014

One of our great friends and souls passed away March 13 in a traffic accident in Sarasota. He was an active member of ASHRAE at the society level and the FWC chapter. Our condolences and regrets go out to all including his wife Karen. May he rest in peace and continue to be in our thoughts and prayers.

Raoul Webb, PE, MME

Raoul Webb was a professional engineer with more than 43 years of experience in the building and engineering industries.

He worked for Environ in Tampa. He received his BS in engineering from the University of Central Florida, and an MME from the University of South Florida.

His memorial service was held March 19 in Riverview.



Philippe Bernard JEAN

Obituary (Published in the Tampa Bay Times on Apr. 11, 2014)

Philippe Bernard On April 6, 2014 a big part of our life was lost. At the age of 51, Philippe was a top engineer in the [HVAC](#) industry, had been married to Terry for 21 years, and raised two amazing kids Michael and Megan. His parents, Francoise Mauboussin and Claude Jean, along with brothers, Patrick, Francois (Butch), Claude-Yves and Henri, and sisters, Martine Olsen, Cathy Maple, Helen Wilson, and Dominique Bennett, and even a larger extended list of family and friends will miss him. Let us reflect on the things Philippe enjoyed most, which included many of us and that is our memories of family reunions, skiing and mountain [biking trips](#), baseball, the sandy beaches and many other travel destinations. Service to be held at Calvary Baptist Church in Clearwater on Saturday, April 12th at 2:00; calvarybaptist.org. In lieu of flowers, please contact communitycremation@hotmail.com.



Philippe Jean History brief: (Story by David John; photos courtesy of Dan Herrera and Tim Citek)

- Phil graduated from USF with a degree in Mechanical Engineering.
 - His first job was with Pratt and Whitney jet engine division in South Florida.
 - In the 80's Phil joined the Tom Barrow Company.
 - After that we worked for Metal Industries, as Director of Engineering
 - After leaving Metal Industries, he became Operations Manager for Plenums Inc. in Largo
 - Philippe joined Stan Weaver in 2003, as Director of Engineering.
 - Philippe was a PE and LEED AP.
- ⇒ Philippe was our Florida West Coast chapter President.

Robert T. HEATH

Obituary (Published in the Tampa Bay Times on Apr. 10, 2014)

HEATH, Robert T. 87, of Tampa, passed away April 6, 2014. Bob is survived by daughters, Paula (husband Lamar) Karen, Wanda (husband Ben); son, Victor (wife Jennie); granddaughters, Robin Ward and Yvette Heath; grandson, Robert Hardwick; and 4 great- grandchildren. He was predeceased by his wife, Theresa; and two sons, Rodney and Ronald. A devoted husband of one woman for 59 years and father of 6. How does one even [begin](#) to summarize the life of this extraordinary man? It is an exercise in futility. Those [close](#) to him would agree. Bob was a Tampa native and Georgia Tech graduate in mechanical engineering and CEO of Heath Engineering Inc. He was also an entrepreneur, carpenter, machinist, artist, poet, & founding member of the Tampa Chapter of the Rare Fruit Council Intl. Bob was all this and much more. He was a man of intellect, a thinker, a serious man who also possessed a humorous side and a healthy dose of eccentricity. With family always being the priority, he spent not a boring day in his life! Yes, Bob was one of those unique, irreplaceable individuals and it is a pity that the life span of such a man is so painfully short. The family is now left with that awful aching emptiness that so often accompanies the departure of a loved one. The ache will subside - the emptiness will remain fortunately so will the memories. What a great ride it has been! Thank you Bob Heath from all of us! A gathering of life will be held on April 12, at 1:302 pm, with services at 2 pm at Brewer and Sons Funeral Home South Tampa Chapel.

Today's Inspirational Quote

A mistake is always forgivable, rarely excusable, and always unacceptable.

— Robert Fripp

Sarasota-Bradenton Section is hosting a Social Event for its members and guests; June 19, 2014

5:30-7:30 pm “The Roast” restaurant downtown Sarasota

1296 First St
Sarasota, FL 34236
941-953-1971 www.roastsarasota.com

Please join our ASHRAE section at our Social to meet and thank our members and guests for making great meetings throughout the year, 5:30pm-7:30pm.

Dress-Come as you are. Cost-Free to members and guests of members; Cash Bar

Food: Hor D'ouerves

This event is sponsored and paid for by our sponsors, pictured here with their logos; their support is much appreciated.

RSVP; Ross Montgomery; rossmont@aol.com



Attention: Important Section Nominating Ballot:

Proposed Slate of officer candidates for service July 1, 2014-June 30, 2015: Please offer any other candidates that any section member wants to nominate; Send nominations to Ross Montgomery, rossmont@aol.com, by April 25, 2014. The Nominating committee representative will solicit the final vote request in late April /early May 2014.

President – Tim Citek Governor-Gerard Abrams Governor– Scott Coy
VP/Programs - David John Governor– Erick Phelps
Treasurer - Alex Gicale Governor-John Siegenthaler
Secretary - Tony Moreland Governor-Matt Welles

The President. The President shall be the chief executive officer of the Chapter and shall provide general direction of the affairs of the Chapter and provide general supervision over its several officers, subject to the control of the Board of Governors. The President shall, from time to time, report to the members and to the Board all matters within the President's knowledge which the interest of the Chapter may require to be brought to the Chapter's notice; shall preside at all meetings of the members and at all meetings of the Board; shall sign and execute in the name of the Chapter all contracts, or other instruments authorized by the Board, except in cases where the signing and execution thereof shall be expressly delegated or permitted by the Board or by these Bylaws to some other officer or agent of the Chapter.

The President-Elect. The President-Elect shall automatically succeed to the office of the President at the conclusion of the President's term of office. In the absence of the President, the President-Elect shall exercise the powers and perform the duties of the President. In addition, the President-Elect shall make the committee chair appointments sufficiently far in advance of the Chapters Regional Conference (CRC), as to permit attendance by the appointees at CRC workshops in the period prior to appointees' active participation as chairs of the Chapter Committees. Chair designees of such committees as Student Activities; Membership Promotion; Research Promotion; Chapter Technology Transfer and Historical should be especially encouraged to attend CRC meetings. Prior to the annual meeting, the President- Elect shall complete the appointments by naming at least two (2) committee members to each of the standing committees of the Chapter.

The Vice President. In the absence of the President and the President-Elect, the Vice President shall exercise the powers and perform the duties of the President. The Vice President shall assist the President and the President-Elect with their duties.

The Secretary. The Secretary shall send notices of meetings to the members and to the Board of Governors as prescribed in these Bylaws, and to Committee Chairs as requested by the President. The Secretary shall keep the minutes of the meetings of the Chapter and of the Board of Governors and shall promptly file a copy of the minutes of each meeting of the Chapter with the Regional Chair and Regional Vice Chair (RVC) for Chapter Technology Transfer, or in the case of the (RAL) the Sub Regional Chair (SRC) for the Chapter, and shall send advance notices and minutes of meetings of the Board of Governors to the Regional Chair. In addition, the Secretary shall send the Chapter newsletter to the Editor of the official publication of the Society. The Secretary shall maintain a membership roster, a roll of membership attendance, and such books, papers, and records as the Chapter or Board of Governors may direct, which shall be open to the inspection of any member of the Board of Governors. The Secretary shall promptly notify members of their nomination, election, or appointment to office.

The Treasurer. The Treasurer shall receive all funds, including dues, fees, charges and other assessments, and shall deposit such funds in the name of the Chapter in banks or other depositories. The Treasurer shall disburse funds only as authorized by the Chapter's Board of Governors and shall keep appropriate records of receipts and expenses and shall exhibit such records at all reasonable times to any member of the Board of Governors. The Treasurer shall make a full financial report at the annual meeting of the Chapter, a copy of which shall be forwarded to the Regional Chair. In addition, in the absence of contrary written instructions from the Society, the Treasurer shall complete, execute and file any statements or returns incidental to federal or local taxation.

Governors, The governors are voting members and have demonstrated past leadership skills and participation in the section.

All officers and governors shall perform all duties incident to their respective offices and such other duties as are prescribed by these Bylaws or as are assigned by the Board of Governors.

Join us to thank our volunteer Leaders

Sarasota Bradenton Section Newsletter

April 30, 2014 ; Florida State Fairgrounds ;Tampa Florida



FLORIDA BUILDINGS & FACILITY MAINTENANCE SHOW

For more information please contact Gene Petre or Kyle JHohnson at (321) 784-5111

Quote: A great attitude does much more than turn on the lights in our worlds; it seems to magically connect us to all sorts of serendipitous opportunities that were somehow absent before the change. — — Earl Nightingale



ASHRAE Refrigeration Commissioning Guide

Refrigeration Commissioning Guide for Commercial and Industrial Systems provides user-friendly, how-to guidance for commissioning of custom-engineered refrigeration systems in commercial and industrial facilities. The book was funded in part by the U.S. Department of Energy through the National Renewable Energy Laboratory



The book is available for free download at www.ashrae.org/freeRefCxGuidance.

Building Performance Alliance-Commissioning

The Presidential Ad Hoc BPA committee on “Commissioning” will produce its first edition deliverable as the “Strategic Guide to Commissioning” soon, according to its chairman Ross Montgomery.

BPA began as a Presidential Ad Hoc committee appointed by ASHRAE President Thomas E. Watson, and completed under the direction of ASHRAE President William P. Bahnfleth. Its charge was to “meet with interested and affected parties in the commissioning industry and identify ways to improve the commissioning process through working together”. This guide was developed in collaboration with twenty-eight ASHRAE members with direct representatives from fourteen major commissioning organizations and stakeholders (“BPA team”) that can best represent the common high level and strategic needs of the commissioning Industry.

Florida based Residential and Commercial Conference

Coming in July 2014; a full scale technical conference and panel discussions covering a variety of pertinent subject matter to do with Energy, IAQ, Ratings, Utility offerings, and much more. ASHRAE is represented on the steering committee and much more news is to come. Save the date; July 23 is the Energy Forum; the show extends to July 24-25.



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The following companies and individuals are supporting our Section by advertising in our newsletter. They are sponsors to our events, and we appreciate their patronage and support of the local community. Advertising spots for your business cards and company profiles are being accepted now; Email me your artwork (jpeg) and a check for \$25/year for a business card, \$50 for a 1/4 page, \$95 for a 1/2 page. Payments should be made payable to "ASHRAE-Sarasota Bradenton Section", and can be mailed to Ross Montgomery at 5309 Deer Forest Place, Parrish, Fla. 34219.

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