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APRIL 2010



The Dewpoint

THEME: RESEARCH PROMOTION AND YOUNG ENGINEERS IN ASHRAE MONTH

Thank you to everyone who attended our 8th annual Shrimp Boil. The event was a great success with a turnout of 160 people. I'd also like to sincerely thank all of the volunteers who helped out during the shrimp boil. Dan Cross and his team did a wonderful job yet again!!

PRESIDENT'S MESSAGE

Rich King, PE



There have been so many things going on this year event-wise, I'd like to take a step back and share with you a little bit about our chapter and how we've been progressing this ASHRAE year. My theme for the year placed an emphasis on the YEA members. Since my first speech on the importance of our YEA members, I've seen an incredible turnout of the younger generation to our chapter meetings and our social events. In fact we had our largest YEA event this year, a dodgeball tournament with a total attendance of 49 people. The tech topics prior to the dinner presentations have also been a resounding success. I'm proud to say, as a chapter, that we are doing an awesome job in keeping YEA members interested and engaged in ASHRAE.

We are also in the process of planning a YEA event for the upcoming Chapter's Regional Conference which will be held here in Orlando in August.

Attendance has also been increasing for our monthly dinner meetings. I attribute this to our programs chair, Jason Alphonso, who has raised the bar with this year's speakers.

You'll also be seeing the nominating committees voting form come through by email. Your votes are important and will elect the 2011-2012 regime.

Again thank you for your support and we'll see you on April 8th.

College of Engineering & Computer Science



On Wednesday, April 14th, the University of Central Florida will host the **2nd Annual Progress Energy Senior Design Symposium in Renewable & Sustainable Energy**. Our student design teams participating in the ASHRAE International Student Design Competition will be presenting at this symposium and we invite you all to attend and show your support. The symposium begins at 8am and is free to all attendees. Details about the location and other presentations can be found on our website.



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www.ashrae-cfl.org

ASHRAE Society Website: www.ashrae.org

Upcoming Events

Master Format 2004

April 8, 2010

Charles E. Gulledge, III, P.E.
Joint Meeting with SWE/ASME

Spring Golf Tournament

April 9, 2010

Sanctuary Ridge Golf Course

UCF Energy Symposium

April 14, 2010

Student Union, Main Campus

ASPE-ASHRAE Product Show

May 11, 2010

Central Florida Fairgrounds

Ice Fog and Psychrometrics: The Missing Link in Industrial Freezer Design

May 13, 2010

S.A. Sherif, PhD

Joint Meeting with AEE

2010 Region XII CRC

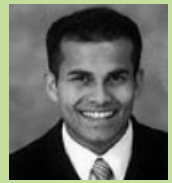
August 19-21, 2010

Rosen Centre Hotel

Programs

Chair:

Jason Alphonso, PE



I hope you had a fun time at the Shrimp Boil. It was a very well attended event. I promised you a great technical session when you returned to us in April. So here it goes....

I term this session a must attend for all the "engineer's engineer". The engineers who ensure their firm's deliverables are always up to the mark. In-house quality control is in their job descriptions. My previous employer used to term these supermen - "Corporate Engineers". No engineering firm can function without a few of them on staff. So all your budding and experienced corporate engineers, this one is dedicated to you.

One of the important functions of these guys is technical specification writing. As a young engineer, I remember not even daring to open that 300 page volume. While some engineering firms have crossed over (by choice or coercion) to the new CSI Master Format 2004, I still come across some firms use the Div. 15 / Div. 16. Our next meeting, titled "Master Format 2004" would serve novice and experienced user alike.

ASHRAE Distinguished Lecturer (and very soon Director at Large) Charles Gulledge (aka Chuck) will be presenting. As programs chair, I get a first glimpse of the speaker's presentation and if slides are any indicator of a good presentation, I think we are in for a winner. We will also be offering one (1) PDH for all the Florida PE's in attendance.

See you on April 8th!

Hot Products from ASHRAE

A leader in HVAC&R technology, ASHRAE publications cover topics that impact every facet of the environment, both indoors and out.

Latest Publications from ASHRAE!

Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings

(A Jurisdictional Compliance Option of the IGCC)

ASHRAE Handbook Online – Web-Based access to all 4 volumes

ASHRAE Pocket Guide – Useful information that fits in a shirt pocket

IAQ Guide: Best Practices for Design, Construction and Commissioning

Load Calculation Applications Manual

Other Products from ASHRAE!

Energy Efficiency Guide for Existing Commercial Buildings

Dampers and Airflow Control

Building Information Modeling Guide

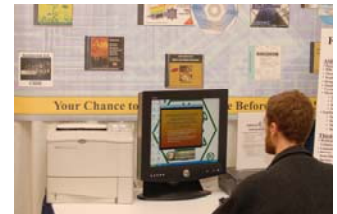
Advanced Energy Design Guide for Small Hospitals and Healthcare Facilities

Principles of Heating, Ventilating, and Air Conditioning – Textbook based on the 2009 ASHRAE Handbook - Fundamentals

Visit www.ashrae.org/bookstore to learn more about these and other outstanding ASHRAE publications!

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Membership
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Technical Activities

Free ASHRAE Webcast

Co-Chair:
John Fabian



ASHRAE will be offering a webcast on April 21, 2010 and the best part is it's free! Entitled, "Right from the Start – Commissioning for High Performance Buildings, industry experts will discuss how commissioning can streamline the construction process, maximize energy and cost savings, and allow the building to operate as intended. The webcast will kick off with a message from ASHRAE President, Gordon Holness followed by two program sessions. Each session will include round table discussions, individual presentations from the panelists followed by a question and answer portion.

Another advantage of this free webcast is the opportunity to earn Professional Developmental Hours (PDH). Three (3) PDH's can be awarded to participants by completing the "Participant Reaction Form" which will be located online at <http://www.ashrae.org/Cxwebcast> after the webcast. The form must be completed by April 30, 2010. The U.S. Green Building Council has also approved this webcast for three (3) credits toward LEED AP renewal. If you are unable to attend the webcast, credits can be earned by purchasing and viewing the DVD. The "Participant Reaction Form" will be mailed along with it. DVD's will be made available in the ASHRAE Bookstore starting this May.

Registration for the webcast is already open via website. Once registration is complete, a link will be emailed to you for webcast access. You can also use this link to test your computer before the webcast and ensure it can be viewed prior to the actual event.

For more information about this and other webcasts, visit <http://www.ashrae.org> and click on "Education" link on the navigation bar then "ASHRAE Webcasts".

ASHRAE Learning Institute Spring 2010 Online Course Series

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Note: You may register up to 24 hours prior to an online seminar. Courses are in US Eastern Standard Time.



Introduction to Thermal Energy Storage Systems for A/C
Wednesday, April 7, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Complying with Standard 90.1-2007: HVAC/Mechanical
Monday, April 12, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Energy Management in New & Existing Buildings: A Sustainable Activity
Wednesday, April 14, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Complying with Standard 90.1-2007: Envelope/Lighting
Monday, April 19, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Using Standard 90.1 to Meet LEED Requirements
Monday, April 26, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Introduction to Cleanroom Design
Wednesday, April 28, 2010 – 1:00 p.m. to 4:00 p.m. EDT

District Cooling & Heating Systems: Central Plants
Monday, May 3, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Complying with Requirements of ASHRAE Standard 62.1-2007
Wednesday, May 5, 2010 – 1:00 p.m. to 4:00 p.m. EDT



Understanding & Designing Dedicated Outside Air Systems (DOAS)
Monday, May 10, 2010 – 1:00 p.m. to 4:00 p.m. EDT

Student Activities

Chair:
Anik Patel



Co-Chair:
Kellie Watson



UCF ASHRAE students assist Orange County with The Kilowatt Crackdown Challenge



Over the past month, UCF ASHRAE President Nate Boyd has helped organize student involvement with Orange County's Kilowatt Crackdown Challenge. The more than 40 UCF Student interns will be taught how to conduct building energy audits using the Energy Star system. With help from these students, companies who register with The Kilowatt Crackdown Challenge will be offered building energy auditing services at no cost. Special thanks to Tim Maslow and Christina Webb with Orange County for helping to facilitate this program with our UCF ASHRAE students. The goal of The Kilowatt Crackdown is to cut electric consumption by 30 percent by 2012.

If the Kilowatt Crackdown Challenge program is successful, it would be equivalent to removing more than 400,000 cars from the road and save 5 million barrels of oil.

UCF Initiative

Contributing Writer:
Jason Alphonso, PE



Chair:
Kyle Davis



I imagine President Gordon Holness as a special soft corner for ASHRAE Central Florida and the city of Orlando. He visited Orlando for the ASHRAE Winter Conference, was our February chapter keynote speaker and finally led the "Distinguished Lecture Series" at the University of Central Florida. He did all this in a short span of 6 weeks.



March 04, 2010 was another great day for ASHRAE at the University of Central Florida. Gordon Holness presented his presidential theme to a group of 40-45 people. The UCF MMAE department honored Gordon with having him lead the very first of their "Distinguished Lecture Series". The event was attended by Dean Marwan Simaan, MMAE Interim Chair Dr. Chow along with a host of representatives from FSEC, MMAE faculty, UCF MMAE alumni, ASHRAE CFL membership and the College of Engineering (CECS) staff. Our student chapter President Nate Boyd was also in attendance.

UCF CECS Director of Corporate Affair and University Relations, Bob Rich did a fantastic job organizing the event. Dr. Wayne Finger, VP, RS&H and fellow ASHRAE member sponsored the event.

Taking advantage of Gordon's visit to campus Bob Rich put together a high profile meeting with some high ups in the university's administration. ASHRAE member and UCF Sustainability Director Dave Norvell, Bob Rich, Gordon and Jason Alphonso (ASHRAE CFL President Elect) had a private meeting with Bill Merck, Vice President and CFO of UCF. It was a great meeting of the minds. This is the second year in a row ASHRAE has been fortunate to have this audience.

This is exactly the kind of synergy we have been striving for with the UCF Initiative. Special thanks to our Student Activities (Dr. Kapat, Anik & Kellie) and UCF Initiative (Kyle) committees for doing such a fine job. I would also like to commend our board's commitment to the UCF program. Our investment of time, volunteer hours and dollars are truly paying off. We see it with a general overall awareness on campus, our familiarity with the MMAE department & CECS, a great student branch, student dinner meeting attendance, the future leaders of our chapter, our new chapter members, our business ventures and our overall community involvement. We couldn't have asked for a better ROI!





Chair:
Amy Pastor, PE



Co-Chair:
Amy Weaver, PE

Membership Promotion

I hope everyone had a great time at the Shrimp Boil! It was great to see so many people out there!

It's spring time which means we're getting close to the end of our ASHRAE Year. The Golf Tournament is right around the corner and I hope many of you are signing up for that!

In the next few months, MP is going to be focusing on getting everyone renewed and upgraded before the end of the year. We're very fortunate to have such a large and diverse membership so I know that many of you are eligible for upgrades and many of you are coming up on renewal.

The MP committee will be reaching out to all of you individually to get your membership squared away. As always, if you have any questions or concerns, you can contact Amy Pastor (apastor@x-nth.com) or Amy Weaver (amyw@c-p.com) and we'd be glad to help out in any way we can.

See you at the Golf Outing!

Young Engineers in ASHRAE



Chair:
Leo Rocha

Chapter Past Presidents

James A. Oberlin	1962-63
James A. Driver	1963-64
Warren L. Chase	1964-65
Kenneth E. Hayes	1965-66
Lloyd H. Boissoneault	1966-67
William C. Denson, PE	1967-68
Maynard D. Reese	1968-69
William R. Penn	1969-70
Theodore H. Brooks	1970-71
J. Wesley Floreth	1971-72
Wiley M. Cauthen	1972-73
Edwin C. Pratt	1973-74
Lyle M. Houser, Jr, PE	1974-75
Hal A. Head, PE	1975-76
Garth E. Tristram	1976-77
Raymond E. Davis	1977-78
W. Hugh Wilson, Jr	1978-79
William M. Dillard	1979-80
John D. Simmonds, PE	1980-81
Joseph K. McCarthy	1981-82
Dwayne Lorenze	1982-83
David Wassman, PE	1983-84
David Krause	1984-85
Bill Watford	1985-86
John J. Asendorf, PE	1986-87
Melvin Borczynski	1987-88
Jack Zelsman	1988-89
Kenneth L. Eiermann, PE	1989-90
Kevin K. McKenzie, PE	1990-91
Todd S. Morgan, PE	1991-92
Firouz Keikavousi	1992-93
John Elsea	1993-94
Bernard Horne	1994-95
Mark Lanier	1995-96
Larry Snyder	1996-97
Bill Leaton	1997-98
Hossein Dayi, PE	1998-99
Gary Carver, PE	1999-00
Michael Sheerin, PE	2000-01
Traci Just	2001-02
Chris Bradford	2002-03
Dan Cross, PE	2003-04
Damon Lynn, PE	2004-05
Todd Moore, PE	2005-06
Tim Citek	2006-07
Mike Dillard	2007-08
Wade Conlan, PE	2008-09
Rich King, PE	2009-

Local Mentorship Program Kick Off

I am thrilled to announce that we will begin the recruiting process for this program. The local mentorship program has been developed with the objective of creating a professional partnership between a Young Engineer/recent engineering graduate/engineering student and a professional member of this local chapter. This program will provide assistance and resources for the transition from college to the work industry, interview preparation, career path guidance, general HVAC fundamental courses, professional development, and ASHRAE leadership development. Furthermore, it will give our local young members the opportunity to learn more about this local chapter's committees and possibly have future involvement within this chapter. This program was an idea that was forged during the YEA Leadership Weekend of May 2009 that I had the privilege of attending. Every member of our chapter can participate in this unique program. If you would like to receive further information on how to become a mentor or mentee, please send me an email to vicepresident@ashrae-cfl.org stating whether you are an engineering student or a professional local member (seasoned member/young engineer/recent engineering graduate). You will receive a brief survey according to your status within the chapter. Once the survey has been completed, please return it promptly to the email above.

We are hosting the 2010 Region XII CRC in Orlando so that we can continue "Sustaining the Momentum" of Society's message that our Region has built over the last few years. We are proud to welcome our Region XII friends and ASHRAE Society dignitaries to Orlando once more in 2010. Please join us August 19th, 20th and 21st for the 2010 Region XII Chapter Regional Conference.

The venue is the beautiful Rosen Centre Hotel on International Drive. CRC registration, schedule (which has been modified to end earlier on Saturday) and sponsorship information is online at www.crc2010region12.org. Information on hotel room registration for the Rosen Centre is included as well.

We're looking forward to another fantastic Region XII CRC and another opportunity to meet, share ideas, build on our efforts to create a more sustainable world, and further Society's expansion and message.

Golf Tournament

Chair:
Firouz
Keikavousi



Our Spring Golf Tournament is coming up on Friday, April 9th at Sanctuary Ridge. Registration information can be found on our website at www.ashrae-cfl.org/events/spring-golf-tournament/.

There will be one afternoon flight, with a shotgun start at 1pm. Lunch and dinner will be served for all golfers. Drinks will be available on the golf course, including margaritas!

All proceeds from the golf tournament go towards ASHRAE Research Promotion.

Thank you Central Florida for your support! We hope to make this golf tournament a huge success.

Corrections and Clarifications

Editor:
Megan Tosh



Our avid Dewpoint readers may have noticed a mistake in the article summarizing our Dodgeball Tournament last month. Our winners, X-nth, were incorrectly referred to as X-nth Engineering. My apologies go out to X-nth for this inconvenience. The March Dewpoint has been corrected and reposted on our website at <http://ashrae-cfl.org/newsletter/>.

Chapter Leadership



President:	Richard King, PE (407) 246-1688 rking@peifla.com	UCF Initiative:	Kyle Davis (407) 321-8100 kyle.davis@harperlimbach.com
President Elect, Programs:	Jason Alphonso, PE (407) 857-3510 jalphonso@msifla.com	Historian:	Tim Citek (407) 671-3739 tcitek@cfl.rr.com
Vice President:	Leo Rocha (407) 373-0042 lrocha@thermal-techinc.com	Welcome Committee:	John Miller, PE (407) 246-1688 jmiller@peifla.com
Treasurer:	John Miller, PE (407) 246-1688 jmiller@peifla.com	Research Promotion:	John Miller, PE (407) 246-1688 jmiller@peifla.com
Secretary:	Megan Tosh (407) 581-6940 mtosh@stanweaver.com	CTTC:	John Davant (407) 212-1293 john.s.davant@jci.com
Past President & Governor:	Wade Conlan, PE (407) 660-0088 wconlan@x-nth.com	Calling Committee:	Amy Weaver, PE (407) 661-9100 amyw@c-p.com
Governor:	William (Bill) Dillard (407) 857-3510 bdillard@msifla.com	Honors & Awards:	Firouz Keikavousi (407) 405-3429 firouzk@gmail.com
Governor:	Mike Dillard (407) 857-3510 mdillard@msifla.com	Dewpoint Editor:	Megan Tosh (407) 581-6940 mtosh@stanweaver.com
Governor:	Michael Sheerin, PE (407) 841-9050 michael.sheerin@tlc-eng.com	Chapter Website:	Richard King, PE (407) 246-1688 rking@peifla.com
Governor:	Firouz Keikavousi (407) 405-3429 firouzk@gmail.com	Product Directory:	Tom Edwards (407) 581-6940 tedwards@stanweaver.com
Membership Promotion:	Amy Pastor, PE (407) 660-0088 apastor@x-nth.com	Golf Chair:	Firouz Keikavousi (407) 303-1141 firouzk@gmail.com
Student Activities:	Anik Patel (407) 782-7495 anikppatel@gmail.com	Shrimp Boil Chair:	Dan Cross, PE (407) 701-2384 DACross@rimkus.com
YEA Activities:	Leo Rocha (407) 373-0042 lrocha@thermal-techinc.com	Refrigeration Chair:	Cameron Sherwood (407) 660-0088 csherwood@x-nth.com