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SEPTEMBER 2009

# The Dewpoint

THEME: YOUNG ENGINEERS IN ASHRAE (YEA) MONTH

Hello Central Florida ASHRAE members!!! Summer break is over and things are gearing up for our first monthly dinner meeting on September 10. Your board has been very busy planning and meeting to bring you an exceptional year of events! Jason Alphonso, president-elect and programs chair, has been working very hard at putting together the programs for the year... His work has been very fruitful as we have already confirmed Richard Crotty as our October presenter!!

## PRESIDENT'S MESSAGE

Rich King, PE



Before I get into my presidential message, I'd like to give a big thanks and congratulations to Wade Conlan, our now past president. The Central Florida Chapter did it again, with recognition as the Best Chapter in the Region... and yes that makes it four in a row!!! For the breakout of all the awards and I do mean all of the awards, please see the Region XII CRC 2009 Recap section of this Dewpoint.

Our focus for the year is on our Young Engineers in ASHRAE, better known as YEA members. Any ASHRAE member that is currently 35 years old or younger is automatically a YEA member. Even though I'm still considered a YEA member, I remember attending my first ASHRAE meeting at Lee's Lakeside years ago. I vividly remember how intimidating it can be coming to an ASHRAE meeting and not knowing anyone or really anything about our industry. It is our goal this year to help nurture these younger ASHRAE members and help them understand some of the basics that we take for granted. These YEA members will grow to become the future leaders of our chapter, and that is why the theme for the year is "YEA for the future!"

One of the changes that you will see at our first meeting, is something called YEA Tech. This will be a short breakout session that will begin before our main meeting at 6:20, and will introduce basic topics and ideas to our YEA members on a more personal level. We will have YEA Tech Sessions prior to all of our monthly dinner meetings. There will also be two YEA events outside of our chapter meetings. We will announce them soon.

For the first time in our chapter's history, the Central Florida Chapter Board is comprised of all YEA members!!! In addition to our board, we have a direct YEA lineage all the way up to a Society level. Jason Alphonso is our YEA Society Chair, Megan Tosh is our Regional YEA Chair and Leonardo Rocha is our Chapter YEA Chair. On the opposite end of the spectrum is our Board of Governors. They are all over the age of 35 and are seasoned ASHRAE members that give us our checks and balances.

For all of our members over the age of 35, please don't feel left out. The technical programs for the year are catered toward your take home value, and it is our plan to provide a minimum of four continuing education credits to aid you in your P.E. renewal.

If you haven't been to the website recently ([www.ashrae-cfl.org](http://www.ashrae-cfl.org)), now is the time to take a peek as it has been completely modified. We will be making changes to it all through the year, but we've moved from an outdated Frontpage site, to a new WordPress site. This will allow us to maintain the website with fewer headaches for years to come. The new site is setup to make registering and paying for upcoming meeting easier.

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and Air Conditioning Engineers, Inc.*

[www.ashrae-cfl.org](http://www.ashrae-cfl.org)

ASHRAE Society Website: [www.ashrae.org](http://www.ashrae.org)

## Upcoming Events

### ASHRAE's Core Values, Code of Ethics and Their Implications

September 10, 2009

Victor W. Goldschmidt, Ph.D.

### Fall Golf Tournament

October 2, 2009

Sanctuary Ridge Golf Course

### Orange to Green

October 8, 2009

Mayor Richard Crotty

Joint Meeting with CFEAA

### Standard 180, A New Approach to HVAC System Maintenance

November 19, 2009

Robert G. Baker

Joint Meeting with BOMA/IFMA

### Overview of ANSI/ASHRAE/IESNA Standard 90.1

December 10, 2009

Lawrence G. Spielvogel, P.E.

Joint Meeting with FES

### ICRA (Infection Control Risk Assessment) 101: Understanding the Basics of Liability and Risk During Healthcare Construction

January 14, 2010

Marlene Linders

Joint Meeting with ASHE

### Sustaining Our Future by Rebuilding Our Past

February 9, 2010

Gordon Holness, P.E., Society President

Joint Meeting with BOMA/IFMA

### Central Florida Shrimp Boil

March 2010

Location TBD

### Master Format 2004

April 8, 2010

Charles E. Gullledge, III, P.E.

Joint Meeting with SWE/ASME

### Spring Golf Tournament

April 2010

Sanctuary Ridge Golf Course

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

May 13, 2010

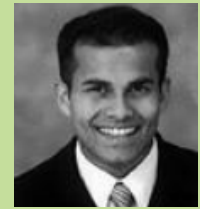
S.A. Sherif, PhD

Joint Meeting with AEE

## Programs

Chair:

Jason Alphonso, PE



We have reason to be excited about 2009-10!

The ASHRAE Presidential theme for the year is "Sustaining our future by rebuilding our past", with a focus on existing buildings. As you may have read from his presidential message, our chapter President, Rich King has dedicated his presidential year to the Young Engineers in ASHRAE (YEA). The technical programs this year revolves around these two themes.

We always strive to give our members quality programs and Rich King did a great job in 2008-09. I hope to give you a little heads up for this year. Six ASHRAE Distinguished Lecturers (DL), ASHRAE President Gordon Holness and Richard Crotty, Mayor of Orange County make up our star studded line up.

Besides Mayor Crotty and the ASHRAE President, you can truly judge the programs technical depth and quality by the number of ASHRAE DL's we put together. Six DL's is by no means a norm; most ASHRAE chapters get by with a mere one or two. ASHRAE is known worldwide for her technical excellence and your local board is committed to bringing this to your monthly meeting.

One program we are particularly excited about this year is our introductory "YEA Tech". This segment is specially designed for our YEA members. It includes a short 10 min introduction to the main topic by a local expert. Besides breaking down the topic for the night, the expert will provide the young engineers an insight of what to expect in the recent future. Our catch line says it all - "Come for the free hors d'oeuvres and stay for the experience"

What else is new?

- Discounted yearly booklets. - This program rewards both you and your employer for meeting attendance.
- Free PDH's at 4 meetings – Your attendance will put you way ahead for your 2011 PE license renewal.
- More joint meetings with USGBC, IFMA, BOMA, SWE, ASHE and other sister organizations.

What to look out for in the near future?

- Roll out of the discounted yearly booklets and its benefits.
- Details of the September 2009 meeting. Flyer attached.
- Presidential Visits – Rich is excited to meet with all of your organizations
- A phone call of invitation from our calling committee.

Lastly, I would also like to introduce you to a YEA member who has already been a big help to ASHRAE Central Florida. Ben Fauser, PE has volunteered to serve as co-chair for the programs committee. He is an engineer at RLF, Inc. and works on some key government healthcare projects. Ben attended YEA Leadership Weekend 2009 in May of this year. He recounts the program to be a very rewarding experience. On the personal note, Ben is married and has two young children. Thanks Ben!

Phew! **Ben**, the **Mayor**, the **President** and "**Six of the Best**" .....we definitely are excited. See you soon.

## Region XII CRC 2009 Recap

Past President:  
Wade Conlan, PE



The 2009 CRC was hosted by Florida West Coast and it was a fantastic weekend for ASHRAE having a joint CRC with Region XII and Region IX. All the social events were great and the training worked out with both Regions covering issues in the same session. The Saturday Awards Lunch was very eventful for the Central Florida Chapter. In advance – it took a lot of hard work and hours from many people – and with everyone’s efforts the following awards were accepted:

### Technology Awards (Category: Winning Company - Project):

Residential Buildings and Multi-Family:	X-nth for the Marriott Vacation Club – Crystal Shores
Health Care Facilities:	TLC for All Children’s Hospital Central Energy Plant
Public Assembly Facilities:	X-nth for Daytona Beach Kennel Club
Commercial Buildings (New):	TLC for OUC Reliable Plaza
Commercial Buildings (Existing):	X-nth for Sheraton Baha Mar

Refrigeration for Comfort Cooling: Russ Heiken with X-nth for Carlisle Regional Medical Center in Pennsylvania.

### Chapter Awards:

Best Newsletter – a new look from Jason Alphonso.  
Best Website – revised color scheme and front page from Wade Conlan.  
Best Refrigeration – Joe de Armas with a solid effort of articles.  
Best Programs – Rich King had a fantastic line-up and is being nominated for the Society Chapter Programs Star Award (for Best in Society)  
Best CTTC – solid team effort lead by Mike Dillard.  
Best Historian – good articles on 4 companies and a great article by Tim Citek on Tim Citek.  
Best Membership Promotion – solid team work by Amy Weaver and Amy Pastor to lead the charge in Region on upgrades as well. I still think Pastor should have chugged the beer though...ask her.  
Best Student Activities – Megan kept our streak alive in this category with help from Anik who takes over this year.  
Best Research Promotion – John Miller did a fantastic job with help from Firouz!

And finally, Best Chapter in Region XII for Central Florida!!!!



As an added bonus, Todd Moore won the Best RVC in Region XII for his efforts in Student Activities.

Thanks again to everyone for helping me in every facet and for getting everything done you committed to doing – plus the stuff I added on top of it. None of this is possible without everyone doing their part – and I am glad I was able to work with such a dedicated and hard working group of individuals that understand “Team”. Let me be the first to ask our current President Rich King, “How can I help make this year surpass your expectations!”.

## Young Engineers in ASHRAE (YEA)

As the first YEA Chair for Central Florida ASHRAE, I welcome you to this 2009-2010 year. Central Florida YEA is enhancing the membership benefits of our local young professionals by providing activities and resources that focus on their needs. These activities range from tech topic presentations, tours, outdoor activities, and after-hour events. Although Central Florida YEA targets members who are 35 years of age and under, everyone is welcome! One of the goals for this year is to develop a local mentorship program that will benefit the members of our chapter. We are thrilled to announce that this program is now in the development stage with the objective of creating a professional partnership between a recent engineering graduate/young engineer and a professional member of our chapter. The purpose for the local mentorship program is to provide assistance with the transition from college to the work industry, interview preparation, career guidance, and conflict resolution tools. This program will be developed throughout the fall of this year with the target of starting the first mentorship group after the 2010 winter meeting.

Chair:  
Leo Rocha



If you are a young engineer in our Central Florida Chapter, I highly recommend the YEA Leadership Weekend if you want to be part of the future leaders of this HVAC community and of Central Florida ASHRAE. The next YEA Leadership Weekend will take place at ASHRAE Headquarters in Atlanta on October 2<sup>nd</sup>-4<sup>th</sup>. For more information, please contact Ashley Pruett 404-636-8400 or visit [www.ashrae.org/members/page/1969](http://www.ashrae.org/members/page/1969). Registration closes on September 9<sup>th</sup>.

## A New Chair for CTTC

A native from the Orlando area, John moved away at the age of 18 and spent the past 25 years of his career in Atlanta, Georgia working in the automation and control industry and consulting engineering. He has served the local Atlanta ASHRAE chapter over the past 5 years on the board of directors and chapter secretary.

I have the distinct pleasure in representing this year's board as the CTTC chair. The Chapter technology transfer committee chair is responsible for transmitting information from the society and other sources to our members. One of my goals this year as the CTTC chair is to reach out to our members and find what specific areas of interest you would like to see in this year's monthly publications and communicate the information back to our board so that we can provide our members with the most pertinent information.

I am excited about being home in the Orlando area and working with the Central Florida ASHRAE chapter. We have a great team aboard who has done a wonderful job lining up some key speakers and programs for the coming year. I look forward to meeting each and everyone of you at our meetings and encourage you to get involved and give something back to such a great organization.

Chair:  
John Davant



## Technical Activities

Co-Chair:  
John Fabian



## Changes to 2009 ASHRAE Handbook—Fundamentals

I was glad to look in my mailbox earlier this year to find the new Fundamentals Handbook, just one of the perks of being an ASHRAE member. From the outside it looks pretty much the same as all of the older versions but a little slimmer, thanks to the tree saving thinner pages. However, don't start thinking the new book is lacking in the information department since it has a lot of updated stuff as well as a new chapter. Below are just some of the few changes you can find in this edition.

The first big item is...Sustainability! Flip to Chapter 35 and you will no longer find Duct Design, instead you'll find the new Sustainability chapter. This describes characteristics, principles, design considerations, etc. for basic concepts of sustainability. It is important that we, as a society, keep these ideas a top priority. After all, it's in our mission statement to "...promote a sustainable world."

Climate information is another area of improvement. The new handbook has weather design data for 5,564 stations, that's 1,142 more than 2005! Be sure to check the CD in the back of the book. This is where all the data is located. Go to Chapter 14 and click on the link "complete data tables". Remember you can use the search function to find a particular weather station a little easier.

Finally, there are some big updates to "Nonresidential Cooling and Heating Load Calculations" in Chapter 18. Most of the tables from the 2005 edition have been revamped. Since technology is always changing, equipment in all industries from restaurants to healthcare is always being updated. It's important to take these revised heat gains into account when performing cooling load calculations.



For more information, check out the 2009 ASHRAE Handbook – Fundamentals.

## Refrigeration

Chair:  
Cameron Sherwood



## Chiller Head Pressure Control

Chiller condensers can be controlled by the industry standard of condenser water temperature, which are 85° F inlet and 95° F outlet. This is the easiest and most cost effective, but not the most effective method for controlling a chiller condenser. By controlling the condenser water temperature, the chiller is not being directly controlled; meaning the condenser pressure (head pressure) can vary. The chiller can run more efficiently if the chiller head pressure is controlled by modulating condenser water flow to achieve optimal condenser pressure. Controlling the chiller condenser head pressure to operate at the lowest head pressure suggested by the manufacturer, the optimal Delta-Pressure across the compressor discharge to the suction is maintained, thus increasing efficiency.

Controlling a chiller head pressure can be achieved by a water regulating valve (WRV), VFD driven pump, or both in tandem. The WRV should be installed on the water side of the condenser barrel discharge to ensure the condenser barrel will be filled 100% with water. The condenser head pressure can be controlled by two different methods. The first method is the WRV or VFD driven pump, it will receive control signals from a transducer; the transducer receives a signal from a sensor mounted in the refrigerant side of the condenser barrel. The second and most common method is the WRV, it will receive control signals from the condenser barrel refrigerant gas pressure (head pressure). This is accomplished by a copper tube being brazed into the refrigerant side of the condenser barrel and routed to the WRV actuator. Both methods operate as the condenser refrigerant pressure increases or decreases the signal to the actuator will also increase or decrease, modulating the water flow to maintain the head pressure set point. The condenser water system can be designed as a variable-primary (for dedicated single pump single chiller arrangement or headered pumps to multiple chillers) arrangement or a constant volume system. By controlling the chiller head pressure the chiller is operating at peak performance.

## Membership Promotion

Chair:  
Amy Pastor



Co-Chair:  
Amy Weaver, PE



Welcome back Members! We are excited for another great year with the Central Florida Chapter. Thanks to all of you, Central Florida was awarded Best Chapter at the CRC Meeting in St. Pete's Beach, FL at the beginning of August. Our chapter also took the honors of best chairperson at every position! This all couldn't have been possible without you the members. Your dedication to come to our meetings, your generous donations to Research Promotion and your continued participation in ASHRAE has not gone unnoticed.

This year is going to be a challenging one. Due to the economy, many companies and many individuals have decided to cut back on paying membership dues for their employees or for themselves. Our goal as the MP committee is to retain all of you as members. We have a great program planned for the year and expect to see all of your faces at our monthly meetings. We know that you will remember how valuable ASHRAE is to you and your company.

During the workshops at CRC this August, we reviewed costs and member benefits at each level. I'd like to share with you some updates that we received:

Member Grade/Type	Qualifications	Yearly Dues
Member	12 Society-approved years	\$165.00
Associate	Anyone who isn't a Student or a new member	\$165.00
Affiliate	New Members who were never a Student Member	\$50.00 year one \$70.00 year two \$90.00 year three
Student	Full-time Student in approved course of study	\$16.00

**\*Chapter dues for all Central Florida Members is \$40.00 annually**

A full Membership Reference Guide can be found on the Central Florida website on the Membership page ([click here](#)).

A very important change will be effective on July 1, 2010. Society dues will be increasing from \$165.00. You do have the opportunity to renew your membership for up to 3 years. **If you renew for more than one year at a time, you get a \$15 discount on each additional year up to a total of 3 years. For example, if you were to renew your membership today for two years, you would pay \$165 for the first year and \$150 for the second year.** Take the time now to renew your membership online at [www.ashrae.org](http://www.ashrae.org) (Yes! It's online and very simple to renew). Think about adding a 2 or 3 year package instead of just the one year to save a few dollars. And don't forget to add those Central Florida Chapter Dues!

We look forward to working with all of you again this year. All of the members will be hearing from the Membership Promotion committee by the middle of September in an effort to make sure we have all your correct information to make sure you are getting the emails and newsletters and all other important information on Membership Upgrades and Renewals.

If you have any questions please do not hesitate to contact Amy Pastor ([apastor@x-nth.com](mailto:apastor@x-nth.com)) or Amy Weaver ([amyw@c-p.com](mailto:amyw@c-p.com)).

## Student Activities

Hopes are high for the new year at Student Activities. After a year where one of our UCF Senior Design teams won 3rd place at the

ASHRAE design competition, we look forward to more successes in the near future. The theme for this year is Student Outreach. We're working with both Seminole and Valencia Community Colleges to develop outreach and introduce ASHRAE to their construction and engineering students. We're continuing our relationship with UCF and building on our strong foundation of success via their local student chapter and design competition. Finally, we're planning opportunities for our members to participate as guest speakers and advocates for the engineering profession at local K-12 schools.

Chair:  
Anik Patel



After 3 years as Chair and Co-Chair at Student Activities, we will be without Megan Tosh's leadership and devotion this year as she begins her new role as chapter Secretary. With Megan's departure comes the arrival of Kellie Watson to serve as our new Co-Chair. Kellie (EIT, LEED AP, BSME University of Florida 08) currently works for PBS&J in their Sustainable Design division. All in all, we're very excited for the upcoming year!

## Research Promotion

Chair:  
John Miller, PE



## 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-

Congratulations Central Florida!



Another successful campaign has come to an end and the Central Florida Chapter has again met the goals set forth by society! With the chapter's goal for the 2008-2009 campaign set at \$32,000 we certainly had a lot of work ahead of us to meet and exceed expectations. I am proud to say that between all of our generous donors we were able to contribute **\$33,942.00** this

year to help fund ASHRAE's research mission "To improve the Quality of Life and to Answer Tomorrow's Questions through Research Today". Watch for an upcoming edition of the Dewpoint in conjunction with our Donor Recognition night were all of our honor roll level donors will be recognized for their continued support of ASHRAE's research mission!

In addition to our chapter's success in the recent campaign ASHRAE at the society level also had a milestone year. For the second year in a row ASHRAE was able to break the two million dollar mark and finish at \$2,081,420. This number was attained by the generous donations of over 6,400 individual and company donors throughout the year.

If you didn't have an opportunity to donate last year do not worry! Our new 2009-2010 campaign is already under way. To date, all of your chapter officers have already made their Honor Roll level donations and have been recognized by society for their contributions. Now it is your turn! To continue your support of just contact John Miller ([jmiller@peifla.com](mailto:jmiller@peifla.com)) at the September Meeting and sign-up on the new Donor Boards that will be on display! It is the easiest way to pledge your commitment to this year's campaign and will help ensure our chapters continued success!

## Winter Meeting Sustainability Project

Chair:  
John Miller, PE

## Frontline Outreach Sustainability Project

Our chapter has been given a challenge for the upcoming Winter Meeting in January by funding a Sustainability Project to benefit a local facility. Through our contacts and research the chapter has chosen to work with the Frontline Outreach because of the work they do in our local community. Their goal to help educate Orlando's youth and teach leadership traits that will help them become successful in their endeavors through public school and beyond.

ASHRAE Central Florida's mission for this facility to help their Outreach program proceed into a "Greener Tomorrow" through facility upgrades to help their buildings perform more efficiently through green products and practices. In order for us to be successful in our endeavor we need your help! This Fall's golf tournament has been earmarked to help fund this sustainability project, and other fundraising opportunities are being developed in order to help make this effort a success. We are also looking for vendors who would like to donate green products that can be used to replace old, inefficient building systems and components to help this wonderful facility.

Additional information regarding Frontline Outreach can be found on their website at <http://www.frontlineoutreach.org>

**FRONTLINE OUTREACH**  
Preparing Tomorrow's Leaders for Success and Service



# ASHRAE UCF Initiative

Chair:  
Kyle  
Davis

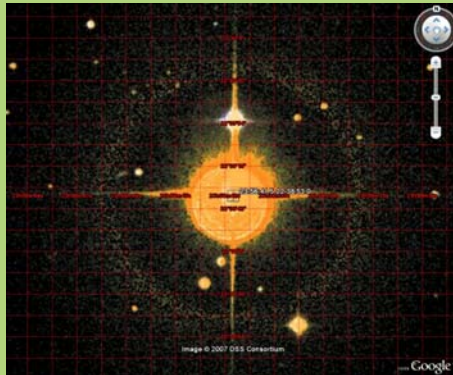


It is exciting to be on the verge of another successful year for our chapter and for the UCF Initiative. We have been planning over the summer to continue to work the initiatives that are in place as well as start some new ones. Stay tuned for more updates on the UCFI and what we are doing to strengthen our chapter's relationship with UCF. That being said, I want to fill you all in on something that actually happened earlier in the year.

As many of you may know, through the generosity of the chapter several years ago, a charitable gift was given to UCF and the MMAE Department to help start a scholarship. It has grown over the years and we wanted to revise it to allow for more students with an interest in ASHRAE, and our industries, to have an opportunity to at receiving a scholarship.

On April 14<sup>th</sup>, 2009, at the scholarship awards banquet, we were honored when UCF's College of Engineering named a star in the Pegasus Constellation "ASHRAE Scholarship". Megan Tosh did a quick bit of investigation online and found the star which was formally star 224303 at 23h 56m 41.5s, +22° 38m 53.0s. Additionally, ASHRAE recognized the event in a post to the [official ASHRAE Facebook page](#).

What an honor and we want to thank UCF and the College of Engineering for this gift. We are excited about the upcoming year as we continue to elevate ASHRAE at UCF.



# Chapter Leadership



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Governor:	<b>William (Bill) Dillard</b> (407) 857-3510 <a href="mailto:bdillard@msifla.com">bdillard@msifla.com</a>	Honors & Awards:	<b>Firouz Keikavousi</b> (407) 405-3429 <a href="mailto:firouzkg@gmail.com">firouzkg@gmail.com</a>
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Governor:	<b>Firouz Keikavousi</b> (407) 405-3429 <a href="mailto:firouzkg@gmail.com">firouzkg@gmail.com</a>	Product Directory:	<b>Tom Edwards</b> (407) 581-6940 <a href="mailto:tedwards@stanweaver.com">tedwards@stanweaver.com</a>
Membership Promotion:	<b>Amy Pastor</b> (407) 660-0088 <a href="mailto:apastor@x-nth.com">apastor@x-nth.com</a>	Golf Chair:	<b>Firouz Keikavousi</b> (407) 303-1141 <a href="mailto:firouzkg@gmail.com">firouzkg@gmail.com</a>
Student Activities:	<b>Anik Patel</b> (407) 782-7495 <a href="mailto:anikppatel@gmail.com">anikppatel@gmail.com</a>	Shrimp Boil Chair:	<b>Dan Cross, PE</b> (407) 701-2384 <a href="mailto:DACross@rimkus.com">DACross@rimkus.com</a>
YEA Activities:	<b>Leo Rocha</b> (407) 671-3739 <a href="mailto:leo.rocha@aquaaifrl.com">leo.rocha@aquaaifrl.com</a>	Refrigeration Chair:	<b>Cameron Sherwood</b> (407) 660-0088 <a href="mailto:csherwood@x-nth.com">csherwood@x-nth.com</a>

# ASHRAE Winter Meeting Orlando 2010

As many of you know, the 2010 ASHRAE Winter Meeting is coming to Orlando January 22nd - 26th! Information about the meeting can be found on ASHRAE's website at [www.ashrae.org](http://www.ashrae.org). If you have any questions, or want to volunteer to help with the meeting, please contact:

Host Committee Chairman: Bill Dillard [bdillard@msifla.com](mailto:bdillard@msifla.com)

Host Committee Co-Chairman: Wade Conlan [wconlan@x-nth.com](mailto:wconlan@x-nth.com)

For a full list of Host Committee members and more information on the upcoming event, please visit the Central Florida ASHRAE Website, [www.ashrae-cfl.org](http://www.ashrae-cfl.org).

# Technical Dinner Meeting

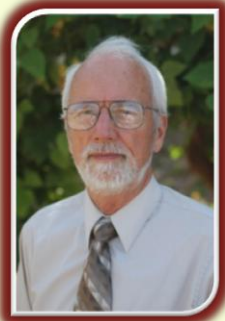
Central Florida Chapter  
Young Engineers in ASHRAE Night



Who	What	Where & When
Victor W. Goldschmidt, Ph.D. Professor Emeritus, Purdue University School of Mechanical Engineering	ASHRAE's Core Values, Code of Ethics and Their Implication	Thursday, September 10 6:00 p.m. Dubsdread Historic Banquet Hall 549 Par St., Orlando 32804

Register Today by clicking here: [RSVP HERE](#)

Victor W. Goldschmidt is currently serving as a Leelanau Township Trustee and Planning Commissioner and facilitator/engineering consultant. During his 36 years at Purdue University, Mr. Goldschmidt was responsible for educating mechanical engineering students, including the direction of graduate research in the HVAC area. Prior to his academic involvement, he worked in Applications Engineering and Development Engineering with Honeywell.



**ASHRAE Distinguished Lecturer**

Dr. Goldschmidt taught nearly every course in thermal sciences, including a special upper level course "Creative Process in Engineering." A Synectics facilitator, he's currently engaged in

strategic plans and problem solving development.

A past ASHRAE Director-at-Large, he also served as a member of Publishing and Technology Councils. He currently serves as a member on the Scholarship Trustees and Appeals Panel. An ASHRAE Distinguished Service Award recipient and Fellow, an Honorary Member of IIR, ACAIRE, ASURVAC and AAF, he resides in North Michigan, above Traverse City.

## Why it matters to you

1. Get a unique understanding of what ASHRAE is all about i.e. DNA of a truly international organization. Mission, Vision and emphasis on the Core Values.
2. ASHRAE Strategic Plan and the Four Directions. Buzz words - ASHRAE Vision 2020, ASHRAE Sustainability Roadmap, Research Strategic Plan.
3. "ASHRAE Big Picture" from someone who over the years has put it all together.

*Menu includes: BBQ ribs, garlic mashed potatoes, corn in butter sauce & Key Lime pie. Be sure to indicate an alternate meal request in your RSVP to Ben Fauser (info below). Cost: \$25 in advance, \$30 at the door without RSVP. Discounted yearly coupon booklets available.*



*Come for the free hors d'oeuvres, stay for the experience!*



Jason Alphonso  
Engineer, MSI Inc.

1. Chair, YEA
2. President Elect, ASHRAE Central Fla. Chapter
3. Member, TC9.6

**Speciallu designed for our under 35 members. Program begins at 6:20 - all are welcome!**

*Jason will discuss the objectives of the YEA committee. A special introduction will be given to the "YEA Tech" Series. ASHRAE Central Florida President, Rich King will also do a special welcome to all young engineers. He will touch upon his presidential theme - "YEA for the future"*

Contact: Ben Fauser ASHRAE Central Florida Programs Co-Chair. Ph: 407-647-1039.

[Ben\\_Fauser@rifa.com](mailto:Ben_Fauser@rifa.com). Chapter may not act for Society.

**CENTRAL FLORIDA CHAPTER of ASHRAE  
2009 FALL GOLF CLASSIC  
AT**



**WHEN:** Friday, October 2, 2009  
**WHERE:** Sanctuary Ridge Golf Club  
 2601 Diamond Players Club Drive  
 Clermont, FL 34711 (352) 243-0411

**ENTRY FEE:** \$ 125.00 Per Golfer  
 \$ 150.00 Hole Sponsor

**A.M. ENTRY FEE INCLUDES:** Green Fee with Cart, Lunch, Open Driving Range, On Course Refreshments, Awards & Prizes

**P.M. ENTRY FEE INCLUDES:** Green Fee with Cart, Lunch, Open Driving Range, On Course Refreshments, Awards & Prizes

**SPECIAL CONTESTS:** Longest Drive, & Closest To the Pin Holes

**TIME: A.M. Start** 6:30 A.M. Registration @ Diamond Players Club  
 8:00 A.M. Shotgun Start  
**P.M. Start** 10:30 A.M. Registration @ Diamond Players Club  
 1:00 P.M. Shotgun Start

**FORMAT**  
 Shotgun Start  
 Four Person Scramble

**DRESS CODE**  
 Shirts must have collars, **NO JEANS**  
 Shorts to be no shorter than 4" above knee  
 Soft spikes only.

**ENTRY FORM - ASHRAE GOLF CLASSIC**

**RSVP By September 18, 2009**

**TEAM SPONSOR:** \_\_\_\_\_ **AM Start** \_\_\_\_\_ **PM Start** \_\_\_\_\_

**GOLFERS:** 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 3. \_\_\_\_\_ 4. \_\_\_\_\_

**GOLF** \_\_\_\_\_ @ \$125.00 Each \$ \_\_\_\_\_

**HOLE SPONSOR** \_\_\_\_\_ @ \$150.00 Each \$ \_\_\_\_\_

**TOTAL** \$ \_\_\_\_\_

**BRINGING DOOR PRIZES** YES \_\_\_\_\_ NO \_\_\_\_\_

**MAKE CHECKS PAYABLE TO: "CENTRAL FLORIDA CHAPTER OF ASHRAE"**  
**FOR MORE INFORMATION CONTACT:** Firouz Keikavousi @ (407) 405-3429 or Megan Tosh @ (407) 581-6940  
**E-MAIL ENTRIES TO:** Firouz Keikavousi [firouz@keikavousi.com](mailto:firouz@keikavousi.com) or Megan Tosh [mtosh@stanweaver.com](mailto:mtosh@stanweaver.com)  
 Fax (407) 581-6950 or register online at [www.ashrae-cfl.org](http://www.ashrae-cfl.org)  
**PAYMENTS TO BE MAILED TO:** John Miller, 2016 Alden Road, Orlando, FL 32803