

December

2011

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**January Lunch Meeting**

January 5, 2012

Using the Retro Commissioning Process for Energy Savings

Hoy Bohanon, PE  
Working Buildings,

**President's Message**

[David McDaniel \(Pace, Inc.\)](#)

As we approach the New Year, I would like to thank everyone for all of their hard work in 2011. Being involved with ASHRAE at any level takes time away from everyone's hectic work schedule. But it is a job that is very rewarding, knowing that we are giving back to the one organization that is responsible for the standards and design tools that we all use every day. I look forward to many years of working with the fine people of the Southern Piedmont Chapter of ASHRAE!

For those of you that attended the 2011 Christmas Party and Auction, I hope that you left with some great items. I had a wonderful time and hope you all did as well. For those that did not make it, I hope that you can next year. This event is one of our largest fund raising events for the year and we need everyone's support. This year's event was very successful. See Daniel's newsletter article for more details on our research promotion activities.

I look forward to seeing everyone on January 5th at the first meeting for 2012. Everyone have a safe New Years!

**Programs**

[Michael Collarin \(Elm Engineering\)](#)

Hopefully everyone had a Merry Christmas! With 2012 just around the corner, I have a few New Year's resolution suggestions:



LLC

**11:30am -  
1:30pm**

**RSVP ONLINE**

**(Registration  
using PayPal is  
available online,  
or you can  
RSVP by email to  
Michael Collarin)**

Byron's  
Southend  
101 W. Worthington  
Avenue, Suite 110  
Charlotte, NC  
28203

## **2011-2012 Programs Calendar**

**January-**  
*5th* - Lunch Meeting  
Using the Retro-  
Commissioning  
Process for Energy  
Savings  
Hoy Bohanon, Working  
Buildings

**February-**  
*2nd* - Lunch Meeting  
The Emergence of  
Hybrid Geothermal  
Systems  
David Pleasants,  
JMPCO

**March-**  
*1st* - Lunch Meeting  
Ice Storage  
Mark Johnson,  
CALMAC

**April-**  
*5th* - Lunch Meeting  
What is Variable

1. Attend an ASHRAE Meeting - January 5th, Using the Retro Commissioning Process for Energy Savings
2. Attend an ASHRAE Annual Conference - January 21-25, Chicago
3. Become more active in ASHRAE: Speak to any of the current board members.
4. Become more active in the community. January 17th Southern Piedmont ASHRAE is co-sponsoring an event with the Young Professionals in Design + Construction in which Hands on Charlotte will be presenting.

Let's get 2012 kicked off right! See you at the next meeting.  
Have a safe and happy New Year!

## **Research Promotion**

**Daniel Flora (Talbot & Associates)**

I hope that everyone had a safe and enjoyable holiday season. I also hope all of the attendees of the Christmas Party and Auction had a wonderful time. I know my wife certainly enjoyed spending our money for a great cause. Make sure to say thank you to the vendors that donated gifts, because without them the event would have just been dinner and my boring presentation!!

Thanks to all the high bidders, we were able to send over \$5000 to ASHRAE Society for research promotion, pay the bills for the dinner and put some money in the checking account to set up future fundraising events. Everyone should give themselves (or their company for giving them a blank check) a pat on the back for making the first two events of the 2011-2012 fundraising campaign a success.

We are currently working on setting up some new events for 2012. Discussions have included a go-cart racing series at Victory Lane Carting, skeet shooting at one of our local gun ranges, and our usual educational series. If you have any ideas you would like to share, please contact me or a board member. Of course we will also have our Spring Golf Tournament at a new venue, Pine Island Country Club on May 16, 2012.

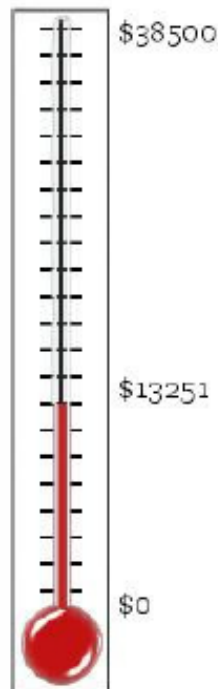
I am looking forward to see what the new year brings and working with old and new donors to set our chapter apart from the others in our region. As always THANK YOU for donating and supporting ASHRAE and the Southern Piedmont Chapter.



Refrigerant Flow?  
Tim Buford II,  
Mitsubishi

**May-**  
3rd - Lunch Meeting  
Building Information  
Modeling for the  
Mechanical Disciplines  
Dennis Knight, Whole  
Building Systems

16th - Spring Golf  
Tournament



Fundraising Goal - \$38,500

Funds Raised as of December 29, 2011 - \$13,251

Remaining to be Raised by June 30, 2012 - \$25,249

Congratulations you have helped raised 34%  
of our goal in just over 3 months !!!

## Membership

[Jason Smith \(Carrier Corporation\)](#)



Why become a member? ASHRAE membership provides direct access into the Society's HVAC&R technical library of knowledge that is continually updated and expanded. Rooted in the Handbook, this knowledge base extends into cutting edge research papers and technical discussions published in the ASHRAE Journal and other Society periodicals. How do you keep up to date with changes in the industry? Where did you read about the details of a new integrated refrigeration control system strategy? Where did you see an advertisement for a new type of air quality sensor that's exactly what you need for a job you're bidding out next week? You probably read it in an ASHRAE publication...just part of your ASHRAE Membership experience.

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For a pdf membership application you can print out, fill out, then mail or fax to ASHRAE, please visit [http://www.spashrae.com/pdf/ASHRAE\\_application0707.pdf](http://www.spashrae.com/pdf/ASHRAE_application0707.pdf) Include the following with/on your application:

1. Please state your intention to participate in the Southern Piedmont Chapter.
2. National membership dues are \$180...please include an additional \$30 for Chapter dues...Total=\$210.00

We look forward to having you all on board!!!

If you have any membership related questions, please do not hesitate to contact me at [jason.smith@carrier.utc.com](mailto:jason.smith@carrier.utc.com) or (704) 301-3067.

## Young Engineers in ASHRAE

[Adam Parker \(Pace, Inc.\)](#)

YEA BOWLING EVENT  
(Sponsored by PACE, Inc.)

Join other young professionals in our industry for some food, drinks, networking and bowling.



When?  
Thursday, Feb. 2nd @ 6:00pm

Where?  
StrikeCity (in The EpiCenter)

How Much?  
\$10 a person

What is Included?  
Price includes food, one free drink of your choice, and all lane and shoe rental charges.

For questions or further details, feel free to email me at [aparker@pacewebsite.com](mailto:aparker@pacewebsite.com).

## Announcements

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### ASHRAE STANDARDS LIBRARY

Check out the main library in downtown Charlotte for hard copies of all of the ASHRAE Standards. These are available in the reference section.