



October

2010

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## **November MEETING**

Nov 4, 2010

Bryan T. Lampley,  
(DL)  
Envirotrol

### **Open Control System or What's in a Name**

**11:30am-1:30pm**  
**Bryon's Southend**  
101 W. Worthington  
Avenue, Suite 110  
Charlotte, NC 28203

## **President's Message**

[Neil Poissant \(Adams Companies Inc\)](#)

We are beginning our third month of the 2010-2011 ASHRAE year. Please mark your calendars for our November meeting and December Christmas party. David McDaniel has another great speaker, so please plan on attending our November meeting. I'd like to take the time to thank all of our hole sponsors and golfers who participated in the Fall golf outing. It was a great day for golf!



Our annual Christmas party will be held on December 9<sup>th</sup>, please "save the date". As usual we will be gathering prizes for our auction. Please open your hearts and wallets. Please remember that all proceeds go towards ASHRAE Research!

We have finalized our survey so you will also be receiving it in the coming weeks. We ask you to take the time to complete the survey to help ASHRAE Southern Piedmont better serve the membership. The survey is "short and sweet" but will provide excellent feedback from the membership.

Thanks for your continued support of ASHRAE Southern Piedmont.

## **Programs**

[David McDaniel \(Pace, Incorporated\)](#)

I would like to thank Mr. Trevor Wende for last month's presentation on "Development and Advances in Liquid Desiccant Technology". I was unable to attend the meeting but I heard there were a lot of questions and interaction from the attendees which is always a good thing.



November Meeting Topic: Open Control System or

## RSVP ONLINE

(Registration using PayPal is available online, or you can [RSVP by email to David McDaniel](#))

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## Upcoming Seminars of Interest

Register for a FULL Mastery Program and get **40% off** + **10% donated** to ASHRAE Research!

(Use Promo code ASHRAE - CHARLOTTE)

### Solar Thermal

Nov. 15th-20th

[\(click for event page with additional information\)](#)

### Solar PV

Dec. 6th-10th

[\(click for event page with additional information\)](#)

Must Call (315-345-0348) to RSVP with discount

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## Upcoming Chapter Schedule

**November-**  
4th-  
Controls Topic

**December-**  
9th-  
Christmas Party and Auction

**January-**

## What's in a Name

The goal of this presentation is to discuss the myths and the reality of open control systems and their implementation. Most open control discussions become a sting of buzz words, talk on protocols, controls terminology and three letter acronyms. This presentation is in pure English and is intended for the general consumption. Those attending the presentation can expect to leave with a better idea of the meaning of open systems, the terminology of controls, how to understand, specify and ensure compliance for open controls systems. Topic and presentation will appeal to Owners, Engineers and Contractors.

Our Distinguished Lecturer will be Bryan T. Lampley from our neighbors at the North Piedmont Chapter. You are sure to be educated and entertained by his presentation. Mr. Lampley works as the Controls Manager for Envirotrol, an independent Controls Services company located in Greensboro, North Carolina. He received his Bachelors Degree in Electrical Engineering from the University of North Carolina Charlotte in 1994. He has worked his entire 15 year career in the field of controls as it relates to process, HVAC and Mission Critical systems. His experience ranges from hands on field engineering to systems design to overseeing implementation of Direct Digital Controls systems throughout the Eastern Seaboard.

Mr. Lampley was elected as a full member of ASHRAE in 2000. He served the local chapter in the capacity of Programs Chair, Membership chairman for two years, CTTC chairman, Secretary, Treasure, Vice President, and President. While President the chapter won the prestigious Rudy Ferguson Award. As CTTC chairman he won the CTTC Emmy Award as well as the Society Dan Mills Technical Award. During this time he represented the local chapter at the Regional level as their representative. Mr. Lampley now represents Region IV at Society as a member of the Society Nominating Committee.

The meeting will again be held at Byron's South End on Thursday, November 4<sup>th</sup>. You can register and pay for the meeting by using Paypal, or pay at the door by cash or check. If paying at the door, please email me at [dmdaniel@pacewebsite.com](mailto:dmdaniel@pacewebsite.com) to register. Remember that if you travel via light rail, we will pay for your return trip.

6th-  
Pressure Independent Flow  
Balancing vs. Pressure  
Independent Control Valves

**February-**

3rd-  
Humidity Control in Commercial  
Buildings

**March-**

3rd-  
Insulation Topic

**April-**

7th-  
Modeling a Sustainable World -  
Lynn Bellenger, President of  
ASHRAE

**May-**

5th-  
Duct Wrap for Fire Control

**June-**

2nd-  
Continuing Education class

This meeting will include 1 Professional Development Hour for all NC and SC Professional Engineers. Don't forget to sign up with your PE# when checking in.

This will be our first Distinguished Lecturer of the year. Look for an email link to the site for evaluating the program. This is a new method that ASHRAE is pilot testing in our region. You can visit the site now (<http://www.zoomerang.com/Survey/WEB22B7GA6W8BF>), but please log on and complete the survey after the meeting.

And finally, don't forget our Christmas Party and Auction will be on Thursday evening December 9<sup>th</sup>. Be on the lookout for communications regarding what is always our best meeting of the year. Tony Furr from Classic Auctions will once again be our Auctioneer. And for those that have been to prior events, you know what a great job Tony does. For those coming for the first time, you will have a great time.

Thanks and we look forward to seeing everyone on Thursday.

## Membership

### [Jason Smith \(Advantix Systems\)](#)



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.

For a pdf membership application you can print out, fill out, then mail or fax to ASHRAE, please visit [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!!!

## Research Promotion



[Dan D'Aloia \(D'Aloia Engineering, PLLC\)](#)



[Matt Byrne \(Schneider Electric\)](#)

Thank you to all who supported and participated in our fall golf outing earlier this month. We had a great turnout for this event - 91 golfers and 20 hole sponsors. The weather was beautiful, the food was excellent, the course was in great shape, and the golf was... well the golf was predictably unpredictable. There were some great shots, low scores, beautiful (or maybe lucky) putts, and plenty of hooks, slices, shanks, and lost balls. The real story though is that we were able to raise over \$7,000 for ASHRAE research and had a lot of fun doing it! So a HUGE THANKS to all.

Next up is the Southern Piedmont ASHRAE Christmas Auction. It will be held on Thursday, December 9, 2010, so be sure to save the date on your social calendars. The auction is a special evening event hosted at Byron's South End and will include dinner for members and their guest, a cash bar, and of course the auction - emceed by a professional auctioneer. A flyer for the event will be going out soon. Expect a call soon from your RP chair and his "team" soliciting the donation of items to be auctioned. *Please give generously to this event as you have in past years; and please come share this memorable evening with us.* Every dollar spent on auctioned items goes directly to ASHRAE Research and your support for this event will have a significant impact on our 2010-11 Research Promotion Campaign.

Together we can continue Southern Piedmont's leadership in promoting ASHRAE Research. Thank you.

## YEA - Young Engineers in

## ASHRAE



[Michael Collarin \(Elm Engineering, Inc.\)](#)



[Miles Grubbs \(Saber Engineering\)](#)

Michael and I are still trying to hash out the first YEA event of the fall. It's looking like it'll be a meet up at a local bar for some drinks after work, we'll finalize everything shortly and get the word out. If you haven't filled out the survey yet, there's still time! The survey helps us a lot for planning future events, so please help us out by filling it out. The survey can be found [here](#). Also, if you have any ideas for an event, please let us know by emailing us at [charlotteyea@gmail.com](mailto:charlotteyea@gmail.com).

If any of you are interested, the Charlotte chapter of the AIA is hosting a networking event at the Olde Mecklenburg Brewery for young design professionals. If you're interested in going, you can RSVP [here](#). While, it's not a YEA event, Michael and I are planning to attend. We look forward to seeing you out there.

## Student Activities

[Todd Horton \(Hahn-Mason\)](#)

We wrapped up the month of October with a UNC-Charlotte chapter meeting Don Chason presented on Refrigeration and HVAC to approximately 11 students. We are hoping turnouts continue to be this strong as we are currently looking to have at least two more on campus meetings between now and Christmas. Students are putting together topic lists and I will be reaching out to the membership for volunteers on these subjects once they are narrowed down.



Have you visited a classroom, discussed engineering with a K-12 or college student, or participated in any activities in the community that emphasize math and

science? If so, please contact myself or one of the other ASHRAE board members and let us know what you have been doing. These count towards our regional ASHRAE points and help us make sure the RUDY stays in the Southern Piedmont while recognizing our members for their superior efforts.

Do you have a high school senior who is planning to attend college and major in engineering? There is a new scholarship available for them. Have a student already in engineering? The traditional Society and Regional level scholarships are also out there and the deadline for submissions for school year 2011-12 is the beginning of this December. Contact myself or the board for more information!

To learn more about activities and opportunities you can participate in, please visit the Student Zone on the ASHRAE website: <http://www.ashrae.org/students/>

## 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.

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Email [tracie.monfort@hesm.com](mailto:tracie.monfort@hesm.com) to add announcements, job postings, etc. in future newsletters.

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