



ASHRAE

Advancing HVAC&R to serve humanity
and promote a sustainable world

The Rebel

THE OFFICIAL NEWSLETTER OF THE ASHRAE SOUTHERN PIEDMONT CHAPTER

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October MEETING

Oct 7, 2010

Trevor Wende,
VP of Advantix Systems

*Development and
Advances in Liquid
Desiccant
Technology*

**11:30am-1:30pm
Bryon's Southend**

101 W. Worthington
Avenue, Suite 110
Charlotte, NC 28203

RSVP ONLINE

(Registration using
PayPal is available)

[Register for the Fall Golf Tournament!](#)



President's Message

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



We are beginning our second month of the 2010-2011 ASHRAE year. Please mark your calendars for two events this month. Randy Jones, region IV DRC will officially present the Rudy Ferguson award to our chapter during our lunch meeting on October 7th. David McDaniel has another great speaker, so please attend. Our second event in October is the fall golf outing held on October 13th at Pine Lakes CC. For the hole sponsors and golfers that have already registered, thank you for your continued support. For those of you who would like to attend and/or sponsor a hole, there is still time remaining. Please contact Dan Daloia or Matt Byrne for details or simply register online. Please remember that all proceeds go towards ASHRAE Research!

You will also be receiving a survey 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.

online, or you can [RSVP](#)
[by email to David
McDaniel](#))

Looking for New Faces in ASHRAE 2011



Do you know an engineer who has recently graduated from school and has made an impact in the work environment? Or how about a candidate who has worked on a unique project that has had (or will have) a broad impact on the public or industry?

If you do, then you have a candidate for ASHRAE's New Faces of Engineering recognition program, a part of National Engineers Week.

Check out the [website](#) for more information or download this [application](#).

FREE BIM Seminars

October 20, 2010
@ Discovery Place

8:30-11:30am
**BIM for Owners -
Brunch & Learn**
Building Information
Modeling, and the
Application to the Building
Lifecycle

1:30-4:30pm

**BIM for Construction
Professionals Seminar**
Virtual Design & Construction
from Project Concept to
Completion

Programs

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

The October meeting topic will be "Development and Advances in Liquid Desiccant Technology". The presenter will be Trevor Wende. Mr. Wende is the Vice President of Marketing for Advantix Systems, a manufacturer of innovative energy efficient air conditioning equipment that utilizes liquid desiccant technology. He works with industrial and commercial customers helping them to control humidity and reduce their energy costs by up to 80%. Prior to joining Advantix Systems, Mr. Wende was with McKinsey & Company where he worked primarily in the firm's cleantech and energy practices. As a firm believer in renewable energy solutions and carbon mitigation, Mr. Wende was a member of McKinsey's Climate Change Strategic Initiative leadership group, and worked extensively with electrical power, clean tech, and private equity clients. Mr. Wende has a B.S. in mechanical engineering from UC Berkeley and an M.B.A. from MIT's Sloan School of Management.



The meeting will be held at Byron's South End on Thursday, October 7th. 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 dmcdaniel@pacewebsite.com to register. Remember that if you travel via light rail, we will pay for your return trip.

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.

Coming up in November, we will have our first Distinguished Lecturer of the year. We are also working on a continuing education course in November. In April, we will be honored with a visit from Society President Lynn Bellenger. Also, be on the lookout for a survey for suggestions on meeting topics and continuing education course. We want to provide the best return on your time invested. Please feel free to contact me if you have any ideas or suggestions.

Membership

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

Why become a member? ASHRAE



Check out the [event website](#) for more information or [register here](#).

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.

* Southern Piedmont Chapter by Numbers *

Total Active Members - 335

Total New Members since January 2010 - 19

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. 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 \(Schneider Electric\)](#)

By now, all of should have received the [registration form](#) for our October 13, 2010 Golf Tournament. If you haven't been contacted by Matt Byrne or Dan Daloia, you more than likely will be within the next few days as we are rapidly approaching this event. Please don't forget to e-mail or fax your registration forms in with all required information including contact person, company name, and players' names and handicaps. Remember that all proceeds go directly to ASHRAE Research, and because the cost for golf is about equal to the fee, hole sponsorship is where ASHRAE Research benefits the most. So please consider sponsoring a hole, and be proud to know that 100% of the \$250 goes directly toward ASHRAE Research Promotion. To all of you who

have registered already: a sincere thank you! We are all looking forward to seeing you at Pine Lake Country Club on October 13th for great golf, fun and camaraderie.

The Southern Piedmont ASHRAE Christmas Auction will be held on December 9, 2010, so please mark your calendars for this fun event. It's also a chance to get some of your shopping done, while supporting ASHRAE Research at the same time. As all items are donated, 100% of purchase dollars go directly to ASHRAE Research.

Future events include the Spring Golf Tournament and possibly an educational seminar. We are always looking for new fundraising event ideas and welcome all comments about present and future research promotion activities. Please feel free to contact Dan Daloia, Matt Byrne or any of our chapter officers.

With everyone's support we can continue Southern Piedmont's leadership in ASHRAE Research! Thank you!

YEA - Young Engineers in ASHRAE



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



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

Hello fellow young engineers! In an effort to increase attendance for future YEA events, Michael and I have come up with a short survey for you to complete. It's less than 10 questions long and shouldn't take more than 5 minutes to fill out. We even took it easy on you - it's multiple choice! Please take a moment to fill it out. This will help us plan future YEA events which of course will benefit you.

<http://www.surveymonkey.com/s/DBR9VGS>

We'll keep the survey up for 2 weeks, but the sooner we get responses, the sooner we can provide YEA events you would look forward to attending.

Your feedback and cooperation is greatly appreciated. We hope to see you soon at an upcoming YEA event! Who knows, maybe it's one you inspired!

Student Activities

Todd Horton (Hahn-Mason)



Student Activities is off to a bit of a slower start than expected but we plan on picking up the pace. Currently we are planning to display on campus at UNCC College of Engineering Fall Picnic. Hopefully we will be able to pick up interest from an array of the undergrad engineering population while there, to help build our student chapter on campus. As we grow, we will need speakers. If you are interested, please let me know. Their schedules are flexible and we can accommodate evening or lunch meeting to fit YOUR schedule.

As always, please keep the Board of Governors up to date on any contact you may have with K-12 or college students. We get recognized for our efforts no matter how small you think they may be but we have to keep accurate records.

If you have or know of any college age students in an accredited engineering program, keep in mind the December deadlines for scholarships. All applications go into the general pool from which society and regional scholarships are granted. There is serious money available if they are awarded any of these scholarships. New this year is a scholarship for graduating High School seniors as well. Please let me know if you would like more information or if you know of someone submitting for one of the scholarships available.

More information can be found on the Student Zone at www.ashrae.org.

Announcements

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.

Email tracie.monfort@hesm.com to add announcements, job postings, etc. in future newsletters.
