



April

2011

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May Meeting

April 18, 2011

11:30am-1:30pm
 Registration using PayPal is available

11:30am-1:30pm
[RSVP ONLINE](#)
 (Registration using PayPal is available)

11:30am-1:30pm
[RSVP ONLINE](#)
 (Registration using PayPal is available)

President's Message

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



I'd like to thank everyone for attending last month's meeting, and a special thanks to Lynn Bellenger our featured speaker and ASHRAE President. Her presentation was great.

We're approaching the end of our ASHRAE year but still have a few more events planned. Our last lunch meeting (May 5th) is followed by our spring golf tournament on May 11th. If you haven't already, put your teams together and join us on the links. It is a great time for a great cause. We also have a refrigeration tour planned in June at Old Mecklenburg Brewery, two words "free beer". Mark your calendars and join us for the last few outings we have planned.

We have also received the results from our membership survey. We will be using this information to plan future events to better serve our membership. Take care and we hope to see you soon.

Programs

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



For our April meeting, we were pleased to have Lynn Bellenger visit us. Her presentation on Building Information Modeling was very well attended. Thank you to all of the attendees. It was

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

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Upcoming Chapter Schedule

May-

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44wk0
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WRXUQDP HQW

June-

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definitely one of the best presentations we have had this year.

We also held a Webcast for the Ground Source Heat Pumps at Central Piedmont Community College. This webcast was free to anyone that wanted to attend and lunch was provided by our Chapter. We hope to provide more of these in the future. At the end of the webcast, there is time for open discussion among the group. At this last Webcast, there were 25 students that attended. This is a great opportunity for them to learn more from experienced ASHRAE members and it could have helped influence them for their future.

Our May meeting topic will be on the Comparison of Energy Consumption For Buildings Using Parallel vs. Series Fan Powered VAV Terminal Units. The presenter will be Gus Faris of Nailor. Please join us at the normal meeting location and time.

On June 2nd, we will be hosting a Refrigeration Tour at Old Mecklenburg Brewery. I am sure this will be a great event with time for a tour, technical discussion AND perhaps some sampling of their product. Details for the event will come soon. Old Mecklenburg Brewery is located at 215 Southside Drive in Charlotte, very near Piedmont Natural Gas.

Look for information on another continuing education class in June. More details will follow for this event.

Please remember that all of our Technical Meeting topics include one professional development hour (PDH) for PEs in both North and South Carolina. Be sure to sign up with your PE number and take a certificate at the meeting. If you have forgotten to do that at any past meetings, you can email me and I will add your name to the list and email you a certificate for your records.

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. Please bring a friend or colleague to the next meeting. New members are always welcome to attend!

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

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



Our Spring Golf Event is just two weeks away and we still have room for a few more golf teams and additional sponsors. It is scheduled for Wednesday, May 11th at Pine Lake Country Club. We will have lots of great door prizes and awards and it is sure to be a lot of fun for everyone who plays. The tournament is limited to the first 108 golfers (27 teams) who sign up, so please get your registrations in now to guarantee your spot in the tournament. You may pay with a check or request an invoice be sent (invoices can be paid by mailing a check or online via PayPal). This is a great opportunity to have fun, spend time with your colleagues, and show your support for ASHRAE Research, so I encourage your participation.

Thank you to all who have signed up already to play and

especially to those who are providing additional support by sponsoring this event. If you need more information about registering for golf or becoming a sponsor, please check out our website or contact me by email (matt.byrne@schneider-electric.com). Together we can continue Southern Piedmont's leadership in promoting ASHRAE research.

Student Activities

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

There are many great opportunities where our ASHRAE chapter can help the community schools.



Here are two current areas of need:

1. The [ACE mentoring program](#) is looking to expand from 5 schools/150 students/50 mentors to 8 schools/240 students/80 mentors next year.

They are looking for help and I have additional information for anyone who wants to learn more. ACE is an acronym for Architecture/Construction/Engineering. This is a very worthwhile and charitable organization that actively serves our CMS school system and the community. They are looking for help and I have additional information for anyone who wants to learn more.

2. There is an apparent need for 5th grade mentors (among other grades I'm sure), test proctors and office support for an upcoming professional development day. These were all brought up in a local HOA new bulletin but I am sure are generic across the system. We all know that CMS is in a tight spot, especially due to finances. We can fuss about it or do something to help. I urge our members to contact their local schools if they aren't already "plugged in" and lend an hour or two where they can. [Click here for more informaton on how to help out CMS.](#)

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/>

YEA - Young Engineers in ASHRAE

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

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



Greetings fellow Young Engineers in ASHRAE! Southern Piedmont ASHRAE has teamed up



with the Young Professionals of the Design + Construction Industry to present former Charlotte Mayor and architect, Mr. Harvey Gantt, Tuesday May 24th from 5:30-7:30 at Olde Mecklenburg Brewery where the first 100 people through the door get a free drink. To RSVP for this event, please visit the Charlotte AIA website and go to the event calendar, or click this [link](#).

Announcements

JOB POSTINGS

Little Diversified Architectural Consulting

Position Description:

We are looking for a HVAC design engineer with project management experience and good communication skills. The ideal candidate will be a mechanical engineer with a minimum of 8 years A/E or consulting engineering experience.

Position Requirements: BSME and PE registration is required, LEED AP is a plus. Duties will include preparation of TRACE 700 computer-generated engineering calculations, MasterFormat 2004 project construction specifications, HVAC design and drafting. AutoCAD 2011 experience is required, Revit MEP 2011 BIM experience is preferred but is not required.

If interested, please submit your resume to Greg Perry, gperry@littleonline.com or call 704-561-7571.

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.