



April

2010

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MEETING

May 6, 2010

Emory
Austin, CSP,
CPAE
Speaker Hall
of Fame

*Motivational
seminar*

**11:30am-
1:30pm
Bryon's
Southend**
101 W.
Worthington

President's Message

Jerry McAuliffe (East Coast)

Our Spring Golf Tournament on April 14th was a huge success. Even in a rough economy, many companies stepped up to sponsored a hole (and some even two). The door prize donors were numerous. Everyone left with some type award or memento. And while there were many who helped put together this event, I have to give a special thanks to Billy Austin. We had 123 golfers. The golf course was beautiful, the weather was pleasant, the food was great and the event was memorable. We had a tie for first place. Congrats to Steve Daley, Hampton Spruill, Matt Standley and Ted Penley in one group and Ron Almond, Tommy Almond, Larry Oehler and Gary Barber in the other.



Thanks to our Hole Sponsors:

Activelogix	Charlotte Temp Ctrl	James M Pleasants	Schneider Electric
Adams Companies	Chet Adams Co	LT Mechanical	Shultz EG
AirTight Mech	Climate Systems	McKenny's, Inc	Space Ray
Bahnson	Dectron Intl	Mike Moore Sales	Superior Mech
BMI Energy	Duke Energy	Optima Engineering	Synergy Engr
CaptiveAire	Faulkner Haynes	PACE, Inc.	TRS
Carolina Cooling	Gastonia Sheet Mtl	Palmetto Air & Wtr	TPM
Carotek, Inc	Hahn Mason	Piedmont Nat Gas	Trane
Carrier Corp	Heat Transfer Sales	Ross & Witmer	United Automation
Charlotte Engineers	JG Blackmon	Sanyo	Weeks Williams
			Devore

The Hole-In-One contest didn't produce a winner this tournament, but, as I was one of the witness' for the Grand Prize hole there were a couple of shots that flirted with an ace.

The PNG Liquefied Natural Gas plant tour on April 27th was

Avenue, Suite 110
Charlotte, NC
28203

RSVP
ONLINE

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

Poissant,
neil@aci-
hvac.com)

(\$20/\$25)

See Announcement section for a note on the monthly meeting fee change

SCHEDULE
2009-2010

May-

6th-
Lunch Meeting -
Leadership and
Motivational speaker
Emory Austin

June-

3rd-
Continuing Education
Class

another successful event this year. Gary Wilson from UNCC and Todd Horton, our Student Activities Chair, had about 8 students from our Student Chapter attend the tour along with some local engineers. Thanks to Steve Lisk for setting up and coordinating the tour.

Our final meeting will be a lunch Thursday, May 6, 2010. We have the honor of this month's guest speaker to be an internationally renowned speaker. Read more about it in Billy's article below.

We will be having a Continuing Education class on June 3rd to benefit ASHRAE Research. Read more about it in Neil's article below.

Finally, let me thank everyone this year that contributed, participated and just made this the best Chapter in Society. It's been an honor to work and serve with some of the best in our industry.

Programs

Neil Poissant (Adams Companies Inc)

During this month's lunch meeting we are extremely fortunate to have Emory Austin as our guest speaker. Emory Austin, CSP, CPAE is a certified speaking professional and is in the speakers hall of fame. Emory is a dynamic and energetic speaker who will leave you highly motivated and enthused. Emory is internationally recognized as the presenter of one of this decade's must-hear messages. Her Fortune 500 client list includes utilities, healthcare, pharmaceuticals, education, telecommunications, technology, banking, financial services, real estate, the CIA and other government agencies, direct sales, retail sales, food service, chambers of commerce, staffing, human resources, and defense organizations here and in Europe.



Each of us wants to succeed. Conflicting advice and easy, bullet-point answers pop up everywhere. Our ways of making all of it work, however, are as different as our personalities and as varied as our skills. Emory's expert research indicates that the best approach for each of us must come from the way we view, build on, and use the individual strengths that life's lessons have already handed us.

And so we've asked her to take each of us on a treasure hunt

of rediscovery. What strengths are there in the events, patterns, and stories of your life? Listen, enjoy, reflect, and resolve -- because Emory's insights will make a meaningful and measurable difference . . . for you and for those whose lives you touch.

The promise is real . . . and so is the speaker. Her credentials are too long to list in this short announcement, for more information please visit: <http://www.emoryaustin.com/>

Mark your calendars and come out Thursday May 6th for an exciting and highly motivational speech. You won't want to miss it.

Again, you'll be able to pay for monthly meetings, golf outings, donations, etc on the website. You can pay via credit card or paypal account. As always checks and cash are still accepted at the door. If you intend on paying at the door, simply e-mail me (neil@aci-hvac.com) to make your reservation. Please RSVP at your earliest possible convenience so that we can accurately plan.

This month's meeting will be back at Byron's South End. During the last few meetings, we had several folks use either the light rail or carpool. Hopefully this trend continues.



Research Promotion

[Billy Austin \(Shultz Engineering Group\)](#)

Thank you so very much for your contributions, participation, and efforts at making the Spring ASHRAE Golf Tournament for ASHRAE Research such a great event! We had a huge turnout, many hole sponsors, an awesome lunch, and an amazing course to play on! In case I don't do this enough, again, I just want to sincerely thank you all for all you do for our wonderful industry through your involvement in our ASHRAE



chapter.

Please put the following date on your calendar

June 3rd, 10:00 AM - 3:00 PM, Continuing Education Class - Lunch and Learn - Practical Application of the Psychrometric Chart, at Piedmont Natural Gas Cooking Technology Center -

Our next great event is our continuing education class at the Piedmont Natural Gas Cooking Technology Center in Charlotte - Application of the Psychrometric Chart to Equipment Selection. This topic is so very fundamental to the success of our designs, yet most of us have blind spots in our knowledge and application of us. Here in the hot, humid southeast, issues related to how we apply psychrometrics can, have, and will jump up and bite us!

Would you like to shore up your knowledge of the psychrometric chart and how to apply it? Do you know how to diagram mixing of outdoor air with return air, run the air through a cooling coil, and back through the room to the return air so that you can be confident that you are selecting an air conditioning unit that will do the job? How about using the psychrometric chart to select an ERV wheel, and the implications of the ERV wheel operation on the selection of the cooling coil? Do you have young engineers in your office that desperately need to learn these psychrometric concepts? If so, this class is the class that will be of great help to you!

The awesome, hot, large, gourmet lunch with lots of fixings, beverages, and desserts will be served halfway through this class at noon. Believe me, the speaker will not allow you to fall asleep during the afternoon session.

This class will cost \$125 per person, and all proceeds will go to ASHRAE Research. You'll get a class that is helpful and practical to you, an awesome lunch, and you'll be supporting ASHRAE Research - a win, win, win!!!

More details on this class are to follow, please reserve the date!

Membership

[Bill Brown \(AME Consulting Engineers\)](#)

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.

* Important New Membership Policies *

It is very important to check your membership status. Changes have recently been made to membership policies. A member is considered delinquent after 3 months past the due date of membership renewal. A member is completely dropped from the rolls after 6 months past the due date of membership renewal. A dropped member can either a) Pay all past dues for years missed to regain their continuous membership status b) Rejoin as a new member (and not pay past dues) but lose credit for past years towards life membership. Your membership status begins at the time your application is processed and when dues are paid in full and good for one year.

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 \$165...please include an additional \$30 for Chapter dues...total=\$195.

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

Student Activities

Todd Horton (Hahn-Mason)

We had 8 student members at our final on campus meeting at UNCC in late March. At this meeting the students were introduced to system selection basics. Dr. Wilson and 6 UNCC students also attended the PNG Plant tour this past week.



Thank you to those of you participating in various K-12 projects as well. I know you, as a membership, are participating in various programs throughout the area that encourages engineering to the K-12 group. Please let us know about this so we can let all society know what we do in the Southern Piedmont. Want to get involved? Give my self or any other board member a call and we can provide you with a long list of different activities and resources to use, especially if you are headed to a classroom.

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/> or contact myself or any other member of the Board of Governors.

Honors & Awards Committee

[Bill Garrott \(East Coast\)](#)

Recognizing the 'E' in ASHRAE

The Honors and Awards Committee will recognize and thank

McCracken & Lopez, P.A. for their contribution to our industry at the May meeting.

Announcements

Webinar on Standard 189.1

Tuesday, May 4, 2010 - 3:15 PM - 4:15 PM EDT

Space is limited.

[Reserve your Webinar seat now](#)

ASHRAE is inviting you to learn more about the new ASHRAE/USGBC/IES sustainability standard and to be a leader in the building community by getting engaged in the rollout of the published high performance green building standard.

The dial in information for participants in the United States is 1-866-203-7023 or 1-480-337-3614, Conference Code 9997048674.

After registering you will receive a confirmation email containing information about joining the Webinar.

MONTHLY MEETING FEE CHANGE

Our contract with Byron's requires us to inform them of the number of attendees so they can properly plan our meal. The only way we can accurately do this is by RSVP's or pre-payments made online. We have to

do this by 12pm on the Tuesday before the meeting. The Southern Piedmont Chapter has been losing money at each meeting due to having to subsidize this shortfall. Therefore, starting with the February meeting, RSVP's before this deadline is still \$20. After this deadline, we have to charge \$25 at the door or online.

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.
