

March
2012

THE OFFICIAL NEWSLETTER OF THE ASHRAE SOUTHERN PIEDMONT CHAPTER

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President's Message

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

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"Based on growing popularity the chosen topic for the 2012 webcast is Dedicated Outdoor Air Systems (DOAS)," Andy Cochrane, chair of the ASHRAE committee overseeing the Webcast, said. "This webcast will describe the role of DOAS in the overall HVAC system, and discuss various DOAS equipment configurations and applications. From understanding DOAS system characteristics, to avoiding pitfalls and challenges unique to DOAS applications, the webcast is a must see for discerning owners and designers alike."

The webcast presenters are Tim McGinn, P.E., principal, DIALOG; Stanley

Mumma, Ph.D., P.E., Professor Emeritus of Architectural Engineering, Pennsylvania State University; and John Murphy, applications engineer, Trane.

Three Professional Development Hours (PDHs) or three AIA Learning Units (LUs) are available.

The live program will be archived online until May 3, 2012, for viewers who are unable to participate on April 19. Registration is required to view the archived program. A DVD of the webcast will also be available for purchase.

New Member Benefit: Beginning July 1, 2011, the decision was made to provide a complimentary 12-month subscription to ASHRAE Handbook Online to all new Members and Associates with an election date of July 1, 2011 and onward, since they will not receive their print or CD Handbook until June, 2012. The new members and associates will receive an email message with instructions on how to access their complimentary Handbook Online subscription. This is a one-time benefit for new members, and at the end of their subscription, they will be prompted to renew the Handbook Online at the \$49 member rate.

Modeling for a Sustainable Future: ASHRAE seeks to advance the industry's ability to more accurately model and simulate a building's energy use. Building on the successful Energy Modeling Conference format in April 2011, this conference will begin with an interactive session with modeling software developers presenting common modeling scenarios on how their specific software can model a scenario, whether there are any limitations and what might be the best work around and exceptional modeling practices to obtain acceptable results when the tool cannot model the scenario "out-of-the-box".
[Click here for the Conference Announcement and Call for Presenters](#)

Thank you and see everyone at the meeting.

April Lunch Meeting

April 5, 2012

Variable Refrigerant Flow Systems

Tim Buford, II

Mitsubishi

1 PDH

11:30 am—1:30 pm

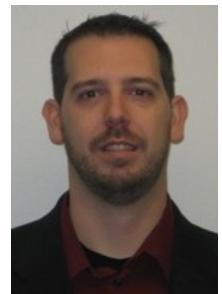
RSVP Online

(Registration using Paypal is available online, or you can RSVP by email to Michael Collarin (mcollarin@ame-pc.com)

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

Programs

[Michael Collarin \(AME Consulting Engineers\)](#)



Spring is in the air... And with it comes change, new adventures and of course, golf! The change in scenery for me goes beyond flowers, patio seating and BBQs. I have accepted a new position with AME Consulting Engineers and look forward to the changes and opportunities that come with it. Please note the change in email address when sending in your RSVP.

Thank you to all of those that attended last month's presentation on Thermal Energy Storage. For those of you that missed it but were hoping to attend, Mark will actually be presenting the topic again this month for the Charlotte Regional Chapter of USGBC on Tuesday, April 24th. You can find event information on the Charlotte USGBC website (www.usgbccrc.org) .

This month's Southern Piedmont ASHRAE presentation is on Variable Refrigerant Flow systems presented by Tim Buford II of Mitsubishi Electric Cooling & Heating. He will be discussing the technology, applications, and benefits of VRF systems and how they are being used in high performing buildings.

Mark your calendars and join us on Thursday, April 5th at Byron's Southend for an informative presentation on another emerging system.

Have you seen our new, easy to use web site? Stop by www.spashrae.com and sign up to reserve your seat! RSVPs can also be sent by email to mcollarin@ame-pc.com. Please RSVP at your earliest possible convenience so that we can plan accordingly.

Research Promotion

Daniel Flora (Leach Wallace Associates)

The spring golf tournament is right around the corner. Mark your calendars for Wednesday May 16th at Pine Island Country Club in Charlotte. We will need tournament sponsors, hole sponsors, drink sponsors and door prizes for the golfers. Please contact me as soon as possible to let me know if you would like to participate or sponsor the tournament in any way.



As always.....Thank you for your support!!

Daniel K. Flora, PE dflora@leachwallace.com 704.500.6692



Membership

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

Why Join ASHRAE?

Have you ever heard the saying, “it’s a small world”? This certainly rings true once you join ASHRAE’s global network, ASHRAE members bring this big world of ours together through the exchange of technical information, writing of standards, and through committee work and networking. When you join ASHRAE, you are making an investment in yourself. When you become active in the Society by giving your time and sharing your knowledge, you get even more out of that investment. As a member of ASHRAE, you will have valuable resources at your fingertips to include the ASHRAE Handbook (most widely cited reference in our industry), ASHRAE Journal (monthly magazine to bring current trends and information to you), and E-Newsletters and Discounts. You can become the office expert and build a network that is priceless to your enjoyment of ASHRAE and success in your career.



Prospective members are always welcome to attend! I would like to welcome the following new members to our chapter:

- Mitch Pinsker
- Michael Larson

For all existing members: Do you have 12 Society-approved* years of experience? If so and you are currently an Associate Member, you may be eligible to upgrade to Membership status at no additional cost! *Includes completed education beyond high school, work experience in work related to ASHRAE field, and Professional Engineering license. Why upgrade? Prestige, recognition in Society newsletter, recognition at chapter meeting, eligibility to serve on a technical committee, to serve in a chapter officer or regional role, to qualify for Society awards, and more!

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

2011-2012 Programs Calendar

Events Remaining:

April

[**5th—Lunch Meeting \(VRF Systems\)**](#)

[**19th—Live ASHRAE Webcast \(DOAS\)**](#)

May

3rd— Lunch Meeting (BIM for the Mechanical Disciplines)

[**16th—Spring Golf Tournament**](#)

June

Possible Continuing Education Course (more details to follow)

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.

New SPASHRAE Website

Be sure to check out our new website at www.spashrae.com. We will soon be moving our email contact to be through the site, so if we have issues receiving email after that, let us know!