



December

2010

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January Meeting

Jan 6, 2011

Pressure
Independent
Control Valves vs.
Traditional
Pressure
Independent Flow
Balancing
w/ Brent Jones

PRO Hydronic Specialties

11:30am-1:30pm

[RSVP ONLINE](#)

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

President's Message

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



I hope that everyone had a Merry Christmas, and you all have a safe and happy New Year. I want to take a moment to thank all of you who donated gifts for our Christmas party / auction. I also want to thank all of you who generously opened your hearts by attending the party and purchasing gifts. This year's Christmas party was another hit!

I hope that everyone will be able to attend our January meeting. David McDaniel has another great speaker lined up for us! Please note that the focus of the January meeting is membership promotion. The lunch meeting fee will be waived for any non-ASHRAE member that joins the chapter. So please let everyone know who may be "riding the fence" about joining ASHRAE to make it their New Year's resolution to join.

Also, we are planning a 6 hour continued education course to be held on February 17th. The course will be broken up into two sections, Photovoltaic during one section and Solar thermal during the other section. Be sure to mark your calendars' and plan on attending. Lunch will be included and the price will be discounted for those attending both sections.

Merry Christmas, Happy New Year, and we hope to see you all soon.

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

Upcoming Chapter Schedule

January-

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

February-

3rd -
Humidity Control in Commercial
Buildings

17th -
Continuing Education class
3 hr - Photovoltaic
3 hr - Solar Thermal

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

Programs

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

I would like to personally thank everyone for attending this year's Southern Piedmont Christmas Party. I always enjoy this event and this year was no exception. We get to stop thinking about work for a little, enjoy the company of our friends and get to raise money for a very worthy cause.



At our January meeting, Brent Jones from PRO Hydronic Specialties of Dallas Texas will be presenting:

"Pressure Independent Control Valves vs. Traditional Pressure Independent Flow Balancing"

This presentation will cover topics such as:

- What are the true costs as it relates to system performance
- Are there any advantages with PICV technology
- What are the fundamentals of Pressure Independent Valves.

Brent Davis is a 15+ year veteran of the HVAC industry. Brent is exceptionally versed in flow balancing and fluid dynamics. His specialty is training customers on the company's newest product which is a pressure independent, flow limiting valve which incorporates flow measurement capabilities.

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.

We are excited 2011 is here and hope to bring many new members on board. The January meeting will highlight Membership Promotion. Please bring a friend or colleague to the meeting for this occasion. New members are always welcome to attend!

The Southern Piedmont Chapter would like to welcome the following New Members:

Brett Ross - McKenney's, Inc.
Donald Gordon - Jones Lang LaSalle
Jimmy Hunt - Presbyterian Hospital
Fred Wilson - GETRAG USA
John Pettrone - Johnson Controls
Michal Shepard - Harris Teeter
Lucas Wood - Applied Energy Management
James Mullinax - UNCC
Thomas Hartley - UNCC
Andrew Miller
Scott Elliott - Page Enterworks, P.A.
Michael Noble - Honeywell
Enya Mosteller - Bank of America
Stephen Smith - H&A Architects and Engineers
Daniel Williams - Charlotte Engineers

*** Southern Piedmont Chapter by Numbers ***

Total Active Members - 335

Total New Members since July 2010 - 15

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 \(Schneider Electric\)](#)

Thank you to all who supported and participated in our annual Christmas Auction fundraising event earlier this month. We had a nice turnout for the event - sixty-four guests in all. The dinner was excellent, the fellowship enjoyable, and the auctioneer terrific. It was an evening full of fun in which we found time to honor our Chapter's past presidents as well as the companies and individuals who have given so generously over the past year in support of ASHRAE Research. There were a lot of great items to bid on and when the evening was over we had raised nearly \$5,000. On behalf of our Chapter, I want to say, "Thank You!" to all who donated to and participated in the event and recognize them here by name.



The following companies and individuals donated cash or auction items:

Activelogix
Adams Companies, Inc.
AirTight Mechanical
APC by Schneider Electric
Carolina Cooling
Carotek Inc.
Chapman Company
Charlotte Motor Speedway
Charlotte Temperature Controls
D&L Appliances
David McDaniel
Embassy Suites Charlotte - Concord
Hahn-Mason, Inc.
Hines - Charlotte Plaza - Carillon
Hoffman & Hoffman
James M. Pleasants
JG Blackmon & Associates
Kimbrell's Furniture
Little Hardware
Matt Byrne
McAllister's Deli
McKenneys
Microsoft Corporation
Neil Poissant
Office Depot
Olde Sycamore Golf Plantation
P.A.C.E., Inc.
PC Godfrey
P.F. Chang's
Palmetto Air & Water Balance
Paul Tuggle
Piedmont Natural Gas
Pine Lake Country Club
Rosemary Martin
Schneider Electric
Shultz Engineering Group
TEAM Mechanical
TPM
Trane
United Automation Corporation

Villa Antonio

While these individuals were the winning bidders who provided the proceeds that went directly to ASHRAE Research:

Denny Baumgart
Dave Brown
Matt Byrne
John Earnhart
James Eudy
Bernis Martin
Jerry McAuliffe
David McDaniel
Carolyn Moore
Greg Moore
Mark Moore
Kirk Overcash
Tina Smithers
Larry Stinar

We have a couple more fundraising events planned for the 2010-11 ASHRAE Research Campaign - a fascinating Solar Energy seminar in February and our Spring Golf Event in May. Please keep an eye out for more details on these upcoming events. I know we can count on all of you for your generous support.

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

Student Activities

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

Don't forget that National Engineer's Week is coming up in February. It provides the perfect opportunity to visit a classroom.

If you have 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, 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.



We held a student meeting at UNCC in late November.

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

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.
