



Giga-Joule

**Greenville
Chapter of
ASHRAE**

December 2004

Meeting Announcement

This month's meeting will be held on Tuesday, **December 14, 2004 from 11:30 AM to 1:00 PM** at the **Roper Mountain Science Center** located at the intersection of I-385 and Roper Mountain Road. For directions, please contact Programs Chairman, James Bryan, (864-298-2148, programs@ashrae4greenville.com) or visit <http://www.ropermountain.org>.

Message from the President

Welcome to the holiday season. We've moved past Thanksgiving and Christmas is rapidly approaching. I hope you all had a great Thanksgiving. The Greenville Chapter is counting its blessings. If you haven't noticed, our meeting attendance has been up this year. Thanks to everyone who has joined us for friendship, fellowship, and technical knowledge so far. Much of this renewed interest may be traced back to the improvement in the construction industry. It seems that everyone I speak with, be they consulting engineers, salesmen, or contractors, talk about their strong workload. It seems we are full recovery mode in the upstate of South Carolina. It couldn't have happened at a better time because here comes Christmas shopping! It is no small achievement to find those perfect gifts for your wife and kids. As you try to carve out a little professional time amongst the demands of the Christmas Season, please try to join us for our December meeting. We've moved the meeting up to the 14th to give you all more cushion before Christmas, and booked for you a great speaker in Mr. Chris Edmondson. Chris is one of the most dynamic lecturers anywhere. He is also one of the driving forces in ASHRAE society today. Chris has been instrumental in revitalizing the society level leadership to bring value to you, the chapter members of ASHRAE. One key component of this paradigm shift is the ongoing membership survey. The society seeks your input to determine how they can serve you! Please go online at www.ashrae.org and let them know where you want your money spent, what benefits you expect, and what technical issues need investigation.



**Karl Counts PE
Greenville
Chapter President**

I wish you and your families a joyous Christmas and very Happy New Year!

If you have any questions or comments, please feel free to contact me.

Karl F Counts PE
Greenville ASHRAE President
president@ashrae4greenville.com

Chapter Programs



I hope everyone enjoyed last month's technical session by Tony Longino. I'd like to thank Tony for a great program with an average rating of 98. It was very informative regarding the code changes and their interpretations.

This month the Greenville Chapter is pleased to feature our favorite ASHRAE Distinguished Lecturer, Mr. Chris Edmondson. Chris received his B.S. degree in Mechanical Engineering from North Carolina State University in 1967. During the summers, he worked at Barber Coleman and Jay Johnson Controls. After graduation, he spent four and a half years as a salesman with the Trane Company. In 1971, he came to work for the James M. Pleasants Company, Inc. (Manufacturer's Representative for the ITT Fluid Handling Division). He worked as an outside salesman until 1978, when he was promoted to Vice President and Sales Manager until 1987. Since 1987 to the present time, he has served as President of the James M. Pleasants Company, Inc.

Mr. Edmondson has served many years in the ASHRAE organization, holding positions such as Secretary/Treasurer, Vice President and President of the North Piedmont Chapter. For the fiscal year, 1985-86, he received the Rudy Ferguson Memorial Award (Presidential Award of Excellence). In 1985, he became a technical speaker to various ASHRAE chapters and continued through 1989. He spoke at the ASHRAE Region VII CRC in 1992 and also at the Birmingham Region VII CRC. He also held the position of Educational Activities Vice Chair for Region IV from 1992-1994. In 1994, he was the Chapter Programs Chair for Region IV. In 1998-2000, he was Region IV ARC and during 2001-2003 Chris served as Region IV DRC. He currently serves as Region IV ARC.

Program: *Is It Raining In Your Boiler?*

Presenter: **Chris Edmondson**
ASHRAE Region IV ARC
ASHRAE Distinguished Lecturer
President of the James M. Pleasants Company



Location: Roper Mountain Science Center (see front page for directions)

Date: Tuesday, December 14, 2004

Time: 11:30 a.m. Doors Open
11:35 a.m. Lunch Served
11:50 a.m. Chapter Business
12:00 a.m. to 1:00 p.m. Main Program

Cost: \$10/person (includes a catered lunch)

Guests are welcome!

Education Credit: This program qualifies for 1.0 PDH

James Bryan PE
Programs Chairman

Please RSVP to programs@ashrae4greenville.com by Thursday, December 9, 2004

Membership Corner

Welcome to our newest chapter member, Jeremy Galloway of Carrier Carolinas!

Attendees at the November meeting were John Bindewald, James Bryan, Devon Cortright, Karl Counts, Wade Crow, Ron Fleischman, Curt Hall, Rodney Hinton, Clint Hunter, Paul Jensen, Bill Knight, Jay McCutcheon, Jeff Mitchell, Dennis O'Keefe, Gary Osteen, James Ridenhour, Eric Scott, Robert Simpson, Dave Vigue, Paul Clark, Lee Capps, Dean Hackett, Kyle Losche, and Marc Speck.

Applications can be obtained online, at our regular meetings, or by giving me a call at (864) 233-7966. I you all had a great Thanksgiving and I wish you the best for the upcoming Christmas Holidays.

Caroll Suttles
Membership Chairman

Technology, Energy, & Government Activities

Technology Awards

Know of an innovative project that may be award worthy? If so, submit it for an ASHRAE Technology Award. Contact me or visit: <http://www.ashrae.org/standcom/tegaward.htm> for forms and more information. Then proceed as follows:

- Complete the "Short Form" and use it as the cover page.
- Provide a system schematic/diagram not larger than 11" x 17" in size. In addition, attach a brief narrative (maximum of 2 pages). The narrative should include the gross and net building areas applicable to the project, a description of the major building areas (i.e., operating rooms, laboratories, computer rooms, industrial processes, offices, warehouses) and a brief discussion regarding the following five criteria (if a criterion is not applicable, state accordingly):
 - Energy Efficiency
 - Indoor Air Quality
 - Innovation
 - Operation & Maintenance
 - Cost Effectiveness
- Submit your schematic, brief narrative, and completed form to me for judging at the Chapter level.

Applicants will receive recognition and have the chance to advance to Regional & Society level competition.

Jamie Porterfield
CTT (Chapter Technology Transfer Chairman)

Resource Promotion

I want to personally thank those individual and corporate sponsors who accepted their recognition coins and plaques for the 2003-2004 Resource Promotion fund raising campaign at last month's meeting. It's important to show the membership who you are and that you care enough about our industry to invest in it.

I would ask that the membership help support those contractors, architects, engineers and vendors, past and present, which have supported Resource Promotion, by making your purchases through them. To that end, I'm listing Corporate Sponsors to the Greenville Chapter for the last 5 years as follows:

Accufflo Services Incorporated
Carrier Building Systems & Services
Carrier Corporation
The Copy Spot, Inc.
Devita & Associates, Inc.
Duke Energy Corporation
Duke Power Co.
Energy Engineering, Inc.
Hahn Mason Air Systems
Harris Sales & Service, Inc.
Hefco LLC
Invesys Building Systems
James M. Pleasants Co.
Johnson Controls Inc.

Leblanc Welch Inc.
Marshall Clarke Architects, Inc.
Miller Engineering Inc.
Palmetto Air & Water Balance, Inc.
Peritus Engineers & Associates, Inc.
Piedmont Natural Gas
R. L. Kunz, Inc.
Sanders Brothers, Inc.
Sonopress
Trane
United Engineering Group
Wade Crow Engineering
Waldrop Heating & Air Conditioning
York International

Individual sponsors for the 2003–2004 Resource Promotion campaign donations above \$100 include:

Edwin W Evans
Ryan M McCleary
Karl F Counts
Ronnie D Hackett
Patrick R Leake
Devon D Cortright
Kenneth L Clark
Phillip W Scoggins
Adolph Beyerlein

Robert Livingston Craft
Frederick H Allison
James W Bryan
Michael Ray Pitts
Rondal Sharpe
T Minh Tran
Furman L Capps
Danny R Atkinson

I'll be listing individual sponsors over \$100 for the 2004-2005 Resource Promotion campaign in the January newsletter. Remember that this also gets your name in the October ASHRAE Journal issue. Hope to see your name there.

And as always, if anyone has any ideas on fundraising events that we could apply to this Chapter please see me after the meeting. Thanks!

Dennis O'Keefe
Resource Promotion Committee Chairman

Greenville Chapter ASHRAE

2004-2005 Chapter Officers

Office	Officer	Company	Phone	Fax	email
President	Karl Counts	Maddox Engineering	250-2143	233-8460	president@ashrae4greenville.com
Programs/ VP	James Bryan	O'Neal, Inc.	298-2148	298-6330	programs@ashrae4greenville.com
Secretary	Karl Counts	Maddox Engineering	250-2143	233-8460	president@ashrae4greenville.com
Treasurer	Devon Cortright	H2L	233-8844	232-2679	dcortright@h2l.com
Membership	Caroll Suttles	Piedmont Natural Gas	233-7966	233-6104	membership@ashrae4greenville.com
Resource Prom.	Dennis O'Keefe	Piedmont Natural Gas	250-2822	250-0585	resourceProm@ashrae4greenville.com
CTT	Jamie Porterfield	Air Concepts			ctt@ashrae4greenville.com
Historian	Steve Abernathy	Piedmont Natural Gas	233-7966	233-6104	history@ashrae4greenville.com
Webmaster	Karl Counts	Maddox Engineering	250-2143	2338460	president@ashrae4greenville.com

Tentative Meeting Dates for 2004-2005

Mon 9/27/2004	Constant Volume Zoning Applications and Design	Jeff Swiderski, Carrier Controls
Tues 10/19/2004	Water-Cooled Vert. Self-Contained DX Applications Facility Tour: Poinsett Plaza (by Doug Black)	Paul Jensen, Trane Company
Tues 11/23/2004	10 Important Changes to the 2003 IMC	Tony Longino, Chief Mechanical Inspector
Tues 12/14/2003	Is It Raining In Your Boiler?	Chris Edmondson PE, James M Pleasants
Tues 1/18/2004	Application of ASHRAE Standard 15	Tom Watson PE, McQuay International
Tues 2/15/2004	HVAC Insulation, One Key to a Healthy Building	Glenn Brower, Knauf Insulation
Tues 3/8/2004	Joint Meeting with Mechanical Contractors Asso.	TBD
Tues 3/15/2004	Ammonia Refrigeration Design and Application	TBD
Wed 4/13/2004	ASHRAE Satellite Broadcast on Mold	TBD
Tues 4/19/2004	TBD	TBD
Tues 5/17/2004	Cleanrooms for Pharmaceutical/Biological Facilities	Manuel Del Valle PE, Fluor



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Technology for a Better Environment