



Giga-Joule

Greenville Chapter

January 2008

Meeting Announcement

The January meeting will be held on Thursday, January 10th at the Roper Mountain Science Center. The details are listed on the Programs Page. For more information, please contact our Programs Chairman, Will Thomason, by phone at 864-232-0200 or, email at programs@ashrae4greenville.com

A Message from the President

Happy New Year to all of the Greenville Chapter!

I certainly hope you are fully recovered from the Holiday Season. The first half of the 2007-2008 year has been very successful. But it's now 2008 and it's time for New Year's Resolutions. For the Greenville Chapter, how about this one:

Lets Put on Some More Weight!

Let's get more bodies out to our monthly meetings, golf tournaments, and into the Board of Governors. Thanks to all you members and guests who attended our fall meetings. You wouldn't be coming, if you didn't enjoy the fellowship and learn something. Don't you think your friends associates would equally benefit? We need more people involved with running this chapter, and hear is the easiest way. Pick up the phone. Call a few of your friends and associates. You don't see them near enough anyway. Say, "hey, Jim-Bob, you old worthless, no-count, so-and-so, you coming to the ASHRAE meeting?"

Speaking of the upcoming meetings, your Greenville Board of Governors is working hard to earn a valued spot on your monthly calendar. If you check out the last page of this newsletter you will see we have programs planned on Mechanical Insulation, Campus Wide Chilled Water Piping, Clean Room Design, and Integrated Building Design.

As we are half way through the year, let me repeat my thanks to all the officers and chairmen of the Greenville Chapter. Your gifts of time and effort on behalf of the chapter are greatly appreciated. Now as we move towards the next ASHRAE year, it is time to recruit some additions to our leadership for the upcoming year. I hope you all will consider giving a little of your time in the service of our chapter. Your service will not only benefit the chapter, but it will be personally rewarding beyond your wildest expectations.

Please don't be afraid to call or email me with any comments or suggestions. I am always open to new ways to improve the ASHRAE experience for our members.

Karl F Counts PE
Greenville ASHRAE President

president@ashrae4greenville.com





Will Thomason
Programs Chairman
programs@ashrae4greenville.com

Chapter Programs

The Programs Committee is continually brainstorming for future program ideas.

- Has a recent magazine article piqued your curiosity on a new technology or application?
- Do you have a need for specific training?
- Would you like a full or half day seminar on a technical issue?

I would really like to hear your suggestions and extend the offer to join the Programs Committee. Besides proposing meeting subject matter, committee members receive the opportunity to review the suggestions of others and vote on which topics are selected. This is a great way for you to make yourself heard.

January Meeting

Program: **Mechanical Insulation**

Presenter: **Roger Schmidt**

Roger Schmidt is the marketing manager for Nomaco K Flex of Youngsville, NC, a manufacturer of flexible closed cell foam mechanical insulation products.

He has more than 25 years of experience in the flexible foam / insulation industry, mostly in the Technical / Marketing area. He is a member of ASTM, ASHRAE, NIA and NFPA, as well as other industry organizations.

He has held several committee positions in these organizations including being given the Award of Merit and honorary title of ASTM Fellow. Mr. Schmidt has written several articles on the subject of insulation for below ambient applications. He is a graduate of Valparaiso University; Valparaiso, IN. with a Degree in chemistry. He obtained an MBA from Indiana University. He can be contacted at: rschmidt@nomacokflex.com or www.nomacokflex.com

Location: Roper Mountain Science Center (www.ropermountain.org)

Date: Thursday, January 10, 2008

Time: 11:30 a.m. Doors Open
 11:35 a.m. Lunch Served
 11:45 a.m. to 12:00 p.m. Chapter Business
 12:00 a.m. to 1:00 p.m. Main Program

Cost: **\$10/person (includes a catered lunch) Guests are welcome!**
Read about our new lunch packages in the Membership Corner

Education
Credit: This program qualifies for 1.0 PDH (including NC PE)

Please RSVP to programs@ashrae4greenville.com
no later than Noon Tuesday, January 8, 2008

Membership Corner

Welcome to Greenville ASHRAE and we look forward to active participation. As always, we continue to look for new members including both engineers, contractors, and students. If you have any ideas on membership promotions, please let any one of the Board of Governors know so we can share your thoughts and best practices to create an even more active Greenville Chapter. For questions and applications, contact me.

membership@ashrae4greenville.com or (704) 664-4907

Other Discounts:

Package A: Discount Card

If you are a Society Member in good standing (society dues paid up) and have your Chapter Dues paid up, we will issue you a card at your first meeting of the year. Each time you pay for a meeting this card will be punched/notarized. When you have four (4) meetings paid for, the fifth is free.

Package B: Prepaid Year

If you are a Society Member in good standing (Society Dues Paid Up) and a Chapter Dues (Paid Up), you will be offered the option of paying one charge of \$75 for the entire years programs (\$90 value).



Chris Adams
Membership Chairman
membership@ashrae4greenville.com

Students & Scholarships

Would you like to build your own thermometer? ASHRAE has a section of their website dedicated to student activities. In addition to the scholarship information the site offers resources for presentations to students in the K-12 environment. Science experiment suggestions, including the thermometer, are posted at <http://www.ashrae.org/students/>. If you are looking for ideas for interaction with students during Engineer's Week, February 17-23, 2008, this is a resource with some good suggestions.

In 2007 ASHRAE awarded approximately \$86,000 in scholarships to college students. Each year the Greenville Chapter Board of Governors receives directives from national to promote scholarships, because they have not received enough applications for all of the possible awards. Scholarships are available in \$3000, \$5000, and \$10000 increments. But one must plan; applications for the undergraduate engineering scholarships were due in for the 2008-2009 year by December 1, 2007. Awards for the Undergraduate Engineering Technology Scholarships for the 2008-2009 year are due in by May 1, 2008. In addition to undergraduate scholarships, ASHRAE provides funding for senior projects and research grants for graduate students. Go to <http://www.ashrae.org/students/page/704> for more information. Keep in mind that undergraduate engineering scholarship applications for the 2009-2010 academic year must be submitted by December 1, 2008.



Devon Cortright PE
Chapter Technology
Transfer Chairman
dcortright@h2l.com

The ASHRAE scholarship web page also includes links on the requirements for the ASHRAE 2008 Student Design Competition. First place award is \$1500 and a trip to the ASHRAE 2009 winter meeting. Deadline for entry is May 9, 2008.

Research Promotion



Brian Alexy
Research Chairman
rp@ashrae4greenville.com



Our Spring Golf Outing was a success for Resource Promotion! The participants played on a beautiful & warm South Carolina Day and everyone had a good time.

Here is a recap of the Winners!:

1st Place Team: Paul Jensen, Ron Bennett, Lee Chapman, Mike Hayes with a Low Gross Score of 61 (-11 under par)

Closest to the pin: Mike Hayes

Longest drive: Will Thomason

A Special Thanks to our sponsors:

RL Kunz Inc.
James M. Pleasants Company
Hahn Mason Air Systems

Johnson Controls, Inc.
The Trane Company
Carrier Corporation



I hope that everyone enjoyed themselves, and if you have any suggestions on how to improve the tournament please pass them along to me so that we can have an even better one in the spring. I'd like to thank the BOG & everyone for the tremendous help in putting together the fall tournament, and for bearing with us through the numerous date changes!

Greenville Chapter Platinum Sponsors:



2007-2008 Chapter Officers

| Position | Officer/Chairman | Company | Phone | Fax | email |
|-----------------------------|------------------|-----------------------------------|------------------|------------------|--|
| President | Karl Counts | Day & Zimmermann | 241-8335 | 241-6750 | president@ashrae4greenville.com |
| Vice-President | Eric Scott | Carrier Carolinas | 232-6633 | 242-0290 | vp@ashrae4greenville.com |
| Programs Pres-Elect | Will Thomason | James M Pleasants | 232-0200 | 298-6330 | programs@ashrae4greenville.com |
| Secretary | Davin Sandhu | Johnson Controls | 234-3819 | 676-1174 | secretaryt@ashrae4greenville.com |
| Treasurer | Rodney Hinton | Palmetto Air and Water Balance | 877-6832 | | treasurer@ashrae4greenville.com |
| Governor (Historian) | Paul Jensen | Trane Upstate Carolina | 672-6130 | 672-6001 | history@ashrae4greenville.com |
| Governor | Bill Knight | Greenville County Schools | 355-7792 | 355-9388 | gov3@ashrae4greenville.com |
| Membership Chair | Chris Adams | Adams Companies | 704-400- 6033 | 704-664- 0846 | membership@ashrae4greenville.com |
| Research Prom. Chair | Brian Alexy | Carolina Cooling | 633-9494 | 704-521- 4444 | rp@ashrae4greenville.com |
| CTT Chair | Devon Cortright | H2L | 233-8844 | 232-2679 | dcortright@h2l.com |
| Student Activities Chair | Hamp Crow | Wade Crow Engineering | 585-9903 | 585-4528 | sa@ashrae4greenville.com |
| Webmaster | Karl Counts | Day & Zimmermann | 241-8335 | 241-6750 | webmaster@ashrae4greenville.com |

Tentative Event Dates for 2007-2008

| | | |
|------------------------|---|---|
| Tuesday 9/18/2007 | Variable Refrigerant Flow | Chris Adams Adams Companies |
| Thursday 10/25/2007 | Fall Golf Tournament | October 25 Willow Creek Golf Club |
| Tuesday 10/16/2007 | Chiller Plant Piping | Chris Edmondson PE James M Pleasants |
| Thursday 11/8/2007 | HVAC Engineer Legal Issues | Ward Lambert |
| Tuesday 12/11/2007 | Compliance with ASHRAE Standard 90.1 | Dick Lord |
| Thursday 1/10/2008 | Mechanical Insulation | Roger Schmidt |
| Thursday 2/14/2008 | Clemson University Chilled Water District | Jeff Hinson |
| Tuesday 3/11/2008 | Joint Meeting with the SC Mechanical Contractors Association | TBD |
| Thursday 3/13/2008 | Manual de Valle | |
| Thursday 4/10/2008 | History of SC Chapters | Blane Walker |
| Thursday 4/??/2008 | Spring Golf Tournament | TBD |
| Thursday 5/8/2008 | Integrated Building Design | Charles Gullede |



ASHRAE
Technology for a Better Environment

Region IV
Greenville Chapter