



# *Giga-Joule*

Greenville  
Chapter of  
ASHRAE

January 2007

## *Meeting Announcement*

This month's meeting will be held on **Tuesday, January 16<sup>th</sup>, 2007 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, Graham Fizer, by phone at 864.627.9675 or e-mail at [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com).

## *A Message from the President*

Happy New Year to all of the Greenville Chapter! I hope you are fully recovered and back into the swing of things for 2007. The first half of the 2006 – 2007 year has been exciting for the Greenville Chapter. We closed out with another visiting speaker with a well-attended meeting.

Thanks to all members and guests who have attended our fall meetings. We have a full schedule of meetings coming this spring. Please be sure to review the last page of the Giga Joule – we have finalized the remaining speakers for the year.

Please come and join us for January's meeting. Chris Edmondson will be visiting our chapter, and his presentations are always top-notch.

Please keep your eyes open for our Spring Golf announcement. We hope to have just as many or more participants as we had for our fall outing.

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

**Eric Scott**  
**Greenville ASHRAE President**  
[president@ashrae4greenville.com](mailto:president@ashrae4greenville.com)

## *Greenville Chapter – 2006-2007 Platinum Sponsors*



**Carrier**  
A United Technologies Company



**Thermal  
Resource  
Sales, Inc.**

## ***Chapter Programs***

**Program: Air Management and System Pressurization in Hydronic Systems**

**Presenter: Chris Edmondson, ASHRAE Distinguished Lecturer**



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.

**Location: Roper Mountain Science Center – Auditorium (See front page for directions)**

**Date: Tuesday, January 16, 2006**

**Schedule:** 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 p.m. to 1:00 p.m. Main Program

**Cost: \$10/person - Lunch is included & guests are welcome**

**Must RSVP to ensure lunch!**

**New members eat free with completed membership application!**

Please reply to [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) by Monday, January 15th.

**Education:** This program qualifies for 1.0 PDH (including NC PE as well)

**Don't forget to RSVP!**

**Graham Fizer**  
**Programs Chairman**  
[programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com)

# *Resource Promotion*

## SPRING ASHRAE GOLF TOURNAMENT

**MAY 17, 2007**

**VERDAE GREENS  
1:00 SHOTGUN START**

**\$200 PER TEAM  
\$200 HOLE SPONSOR  
\$150 LONG DRIVE CONTEST  
\$150 CLOSET TO THE PIN  
\$200 DINNER SPONSOR  
\$200 DRIVING RANGE SPONSOR**

**ALL MONEY GOES TO ASHRAE RESEARCH PROMOTION. FOR ANY SPONSORSHIPS, PLEASE MAKE A CHECK TO:**

**ASHRAE – RP  
C/O WILL THOMASON  
103 SMITH HINES ROAD  
GREENVILLE, SC 29607**

**FOR THE GOLF, PLEASE MAKE A CHECK OUT TO GREENVILLE ASHRAE. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT WILL THOMASON AT (864) 421-2949. DOOR PRIZES ARE NEEDED AND WELCOMED. WE ARE GOING TO BE PLAYING A CAPTAIN'S CHOICE FORMAT. BOX LUNCH AND DRINKS WILL BE PROVIDED. I LOOK FORWARD TO SEEING YOU OUT THERE. REMEMBER, THIS MONEY GOES TO RESEARCH PROMOTION FOR FUTURE PROJECTS THAT AFFECT EVERYONE.**

**WE ARE ALSO DOING SOMETHING NEW THIS YEAR TO RAISE MONEY. WE HAVE 4 LEVELS OF GIVING. THIS IS BASED ON 2 GOLF TOURNAMENTS PER YEAR.**

### PLATINUM SPONSOR (\$1000)

**2 HOLE SPONSORSHIPS (1 IN EACH TOURNEY)  
2 TEAM SPONSORS (1 IN EACH TOURNEY)  
YOUR AD IN THE GIGA-JOULE  
YOUR AD ON THE WEBPAGE  
PERSONAL RECOGNITION AT EVERY MEETING**

### GOLD SPONSOR (\$750)

**2 HOLE SPONSORSHIPS (1 IN EACH TOURNEY)  
1 TEAM SPONSOR  
YOUR AD IN THE GIGA-JOULE  
YOUR AD ON THE WEBPAGE**

### SILVER SPONSOR (\$500)

**1 HOLE SPONSORSHIP  
1 TEAM SPONSOR  
YOUR AD IN THE GIGA-JOULE  
YOUR AD ON THE WEBPAGE**

### CORPORATE/INDIVIDUAL SPONSOR (\$250)

**1 HOLE SPONSOR  
PERSONAL RECOGNITION AT THE MEETING**

# *Technology Transfer*

## Professional Organizations & Continuing Education

Many of the attendees at the monthly chapter meeting are there to gain continuing education credit towards their professional license. The South Carolina engineering licensing board requires attendees to maintain records of their attendance, so keep those certificates of attendance. In addition to attendee's records North Carolina requires sponsors to register with the North Carolina Board of Engineering Licenses, keep a list of those in attendance, and periodically transmit copies of those lists and sign-in sheets to the NC board. The Greenville ASHRAE Chapter has registered with the NC engineering board as a sponsor. Those who are registered in NC are requested to sign in twice, and please make it legible.

If you attend all the ASHRAE Greenville chapter meetings in a year you have 9 PDH's and are well on your way to the 15 required in South Carolina. There are other professional organizations in the area with technical session meetings where additional hours can be earned. This is usually an inexpensive way to earn PDH's and do a little networking at the same time. Below is a list of some of the meetings that we are aware of:

South Carolina Society of Professional Engineers, Piedmont Chapter  
2nd Monday of the month, 11:30 AM - 1:00 PM  
Crowne Plaza Hotel, Congaree Rd, Greenville  
\$15 members, \$30 non-members, lunch buffet

South Carolina Society of Professional Engineers, Spartanburg Chapter  
2nd Tuesday of the month, 4:00 PM – 6:00 PM, 2 PDH's  
Spartanburg Community College, East Bldg Rm 25  
\$15 members, \$40 non-members

American Society of Plumbing Engineers, Greenville Chapter  
1st Tuesday of the month, lunch meeting  
City Range Grille, Haywood Road, Greenville  
\$10 including lunch

American Society of Mechanical Engineers  
3rd Thursday of each month, 7:30 to 9:00 p.m  
GE Gas Turbine Technology Center, Greenville  
\$15 for members and non-members.

American Society of Safety Engineers  
3rd Thursday of each month, Buffet at 11:30, Meeting 12:00 – 1:00 PM  
Holiday Inn I-85 & Augusta Rd, Greenville  
The information available did not publish cost.

# Greenville Chapter ASHRAE

## 2004-2005 Chapter Officers

Office	Officer	Company	Phone	Fax	email
President	Eric Scott	Carrier Carolinas	232-6633 x21	242-0292	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>
Programs/ PE	Graham Fizer	York International	627-9675 x120	627-0953	<a href="mailto:programs@ashrae4greenville.com">programs@ashrae4greenville.com</a>
Secretary	Scott Houston	Thermal Resource Sales	250-2822	250-0585	<a href="mailto:secretary@ashrae4greenville.com">secretary@ashrae4greenville.com</a>
Treasurer	Rodney Hinton	Palmetto Air Test & Balance	877-6382	877-5490	<a href="mailto:treasurer@ashrae4greenville.com">treasurer@ashrae4greenville.com</a>
Membership	Chris Adams	Adams Companies Inc.	704-664- 4907	704-664- 0846	<a href="mailto:membership@ashrae4greenville.com">membership@ashrae4greenville.com</a>
Research Prom.	Will Thomasson	James M. Pleasants	232-0200	232-0025	<a href="mailto:rp@ashrae4greenville.com">rp@ashrae4greenville.com</a>
CTT	Devon Cortright	H2L	233-8844	232-2679	<a href="mailto:ctt@ashrae4greenville.com">ctt@ashrae4greenville.com</a>
Student Activities					<a href="mailto:sa@ashrae4greenville.com">sa@ashrae4greenville.com</a>
Historian	Paul Jensen	Trane Upstate Carolina	672-6130	672-6001	<a href="mailto:history@ashrae4greenville.com">history@ashrae4greenville.com</a>
Webmaster	Karl Counts	Day & Zimmermann	241-8335	241-6750	<a href="mailto:webmaster@ashrae4greenville.com">webmaster@ashrae4greenville.com</a>

## Tentative Meeting Dates for 2006-2007

Tues 9/21/2006	ERV Technology	Bruce Anderson, Micrometl
Tues 10/17/2006	Controls Protocol & Integration	Jeff Swiderski, Carrier Controls
Tues 11/14/2006	Indoor Air Quality & Mold; Legal Issues & Liability	Chris McDonald, Shook Hardy & Bacon
Tues 12/12/2006	Acoustics	David Egan
Tues 1/16/2007	Air Management	Chris Edmondson
Tues 2/20/2007	Selecting VAV for Acceptable IAQ	Dan Int-Hout III, Chief Engineer, Krueger
Tues 3/15/2007	Joint Meeting with Mechanical Contractors Association	David Hensley
Tues 3/20/2007	Fan Selection, Installation and System Effect	Rad Ganesh PHD, PE; Twin City Fan
Tues 4/10/2007	Mechanics of Refrigeration Cycle	Tom Shiflet, Greenville Tech
Thurs 4/19/2007	Satellite Broadcast	
Tues 5/15/2007	LEED	Jay Elridge, McQuay

Greenville Chapter of ASHRAE



**ASHRAE**

Technology for a Better Environment