



# *Giga-Joule*

Greenville  
Chapter of  
ASHRAE

October 2006

## *Meeting Announcement*

This month's meeting will be held on **Tuesday, October 17, 2006 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)

This month's meeting is **Membership Promotion Day** – please bring a potential member with you!

**Jeff Swiderski** will be speaking on **Controls Protocol and Integration**.

## *A Message from the President*

The Greenville Chapter would like to thank Bruce Anderson, Regional Sales Manager from Micrometl Corporation, for his informative presentation on ERV technology. The attendance was fantastic for our first meeting of the year! I encourage our members to make an effort to attend all of our meetings this year.

With regards to membership, please remember to ask people you come in contact in our industry if they are an ASHRAE member. If not, then tell them about our organization and what we do. Have them join you at one of our monthly meetings. Their lunch will be free, plus your lunch if they fill out an application form.

Have you seen the new ASHRAE web site? This was an exciting change that was discussed at this year's CRC. Please take a moment to look over it - <http://www.ashrae.org/> . If you have any questions on how to navigate thru the new site, please contact an officer.

Finally, this year's Fall Golf Tournament will be held on **October 27th at Furman**. Please mark the date on your calendar plan on coming out to join us. All of our proceeds from this event go to resource promotion – so help support ASHRAE!

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)

# Chapter Programs

Program: Controls Protocol and Integration

## Course Outline

- a) Acronyms in the IT/IP world and what they mean to us.
- b) Building Automation/HVAC Protocol's and capabilities
- c) Web and IT terms and applications in BAS
- d) Understanding Web based sequences of operation
- e) Operation capabilities of Integrating Applications



Presenter: Jeff Swiderski

Jeff holds a BSE in electronic engineering. His background is in DDC control systems began in 1983 with Parker Electronics, where he designed HVAC DDC system products for many applications. Jeff is currently the president of the Carrier Control Council, which is a group of DDC control engineers from around the world who gather to discuss and direct the engineering efforts of designed products as pertained to market trends and changes.

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

**Date:** Tuesday, October 17, 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

**RSVP REQUIRED TO ENSURE LUNCH – Please RSVP!**

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

**Current members eat free if accompanied by a guest who completes an application for membership!**

Please reply to [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) by Friday, October 13th.

**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)

# *Research Promotion*

## **FALL ASHRAE GOLF TOURNAMENT OCT. 27, 2006**

### **FURMAN UNIVERSITY GOLF COURSE 1:00 SHOTGUN START**

**\$200 Per Team  
\$200 Hole Sponsor  
\$150 Long Drive Contest  
\$150 Closest to the Pin  
\$200 Lunch Sponsor  
\$200 Driving Range Sponsor**

All money goes to ASHRAE Research Promotion. For Sponsorships, please make your check payable to:

**ASHRAE – RP  
C/O Will Thomason  
103 Smith Hines Road  
Greenville, SC 29607**

For the golf, please make your 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 sponsorships (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 sponsorship  
Your ad in the Giga-Joule  
Your ad on the webpage  
Personal recognition at every meeting**

#### SILVER SPONSOR (\$500)

**1 hole sponsor  
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 meetings**

## *Membership Corner*

Membership Promotion Meeting 1 of 2 for this year. For these meetings, we offer a free lunch to all New Members who join us with a completed application. We also offer free lunch to those who bring a guest who is signing up to join us in ASHRAE. We are also rolling out our Membership Promotion contest for the year. We will share the details during the meeting and report the contest in our next Giga-Joule Publication.

For questions and applications, contact me. [membership@ashrae4greenville.com](mailto:membership@ashrae4greenville.com) or (704)664-4907

**Chris Adams**  
**Membership Chairman**  
[membership@ashrae4greenville.com](mailto:membership@ashrae4greenville.com)

## *Technology Transfer*

Last month I mentioned the errors and omissions pages of the ASHRAE handbooks. This month similar theme, but different set of corrections. The International Code Council publishes a list of errors and omissions applicable to the building codes. The errata are published on the accompanying website. It is worthwhile to print them and stick them in the front of your code books.

<http://www.iccsafe.org/cs/codes/errata.html>

Another ICC website that is worth reviewing periodically is the one on interpretations. These are published responses to questions posed by an ICC member. Via the link below you can find interpretations on common ventilation systems, the use of corridors as return plenums, numerous interpretations related to fire protections systems, just to name a small sample of what's available.

[http://www2.iccsafe.org/cs/interps/Codes\\_List.cfm](http://www2.iccsafe.org/cs/interps/Codes_List.cfm)

I would like to regularly provide links to websites that chapter members have found useful. Write me at [CTT@ashrae4greenville.com](mailto:CTT@ashrae4greenville.com) and let me know your favorites. We do need to minimize advertising, so please keep that in mind.

**Devon Cortright**  
**CTT Chairman**

# 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>
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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 2005-2006

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	Building Code Review	
Tues 2/20/2007	Refrigerant Piping	
Tues 3/15/2007	Joint Meeting with Mechanical Contractors Association	David Hensley
Tues 3/20/2007	Electrical Engineering for HVAC	
Tues 4/10/2007	Mechanics of Refrigeration Cycle	
Thurs 4/19/2007	Satellite Broadcast	
Tues 5/15/2007	LEED	

Greenville Chapter of ASHRAE



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Technology for a Better Environment