

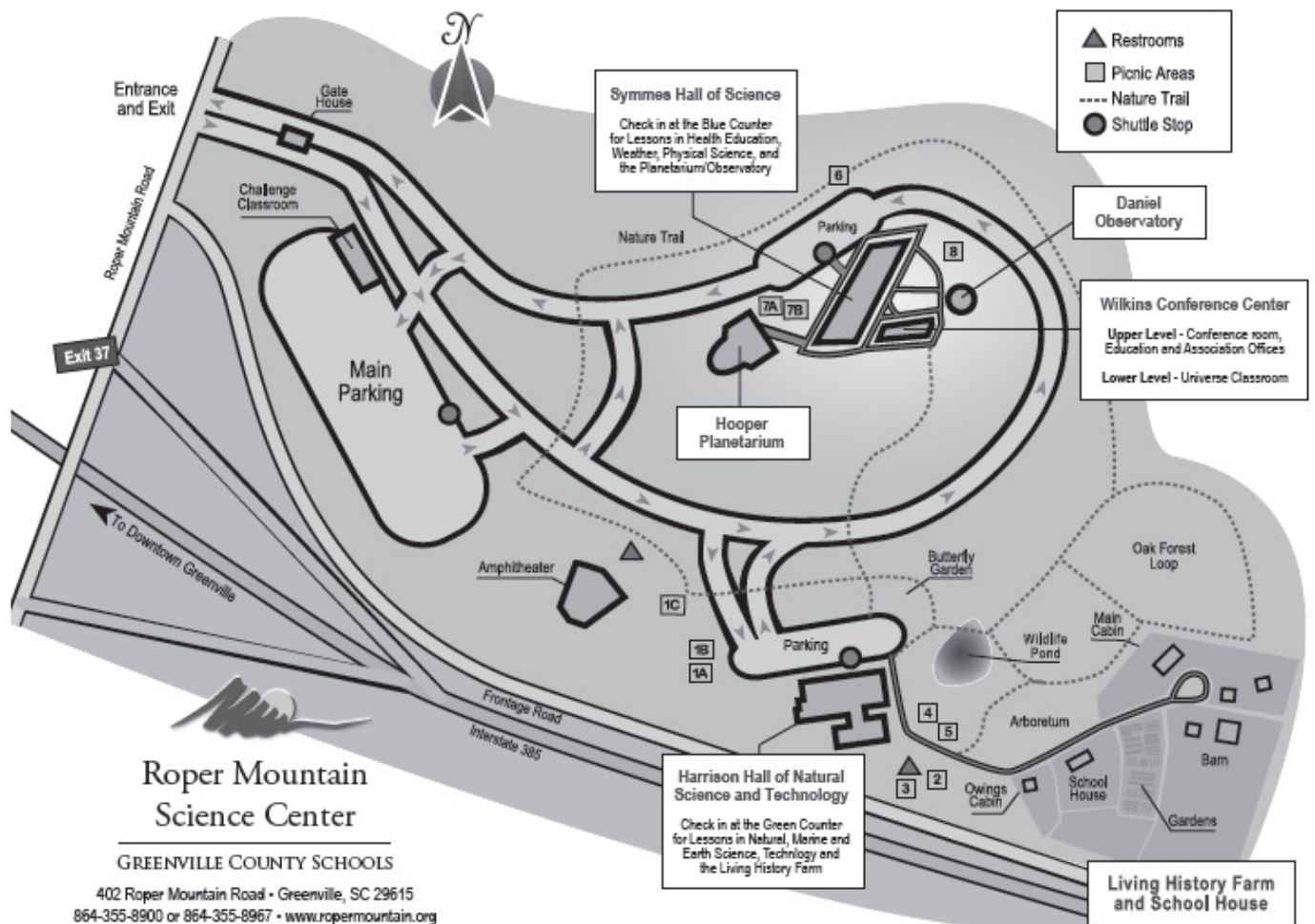
# Giga-Joule

March 2013

<http://www.ashrae4greenville.com/newsletter.php>

## Meeting Announcement

The March meeting will be held on Thursday, March 14, at the Roper Mountain Science Center, in **Universe Classroom in the Wilkins Conference Center rather than the normal location**. Please see the map below for location. The details are listed on the Programs Page. For more information, please contact our Secretary, Liz Ambrose, at [secretary@ashrae4greenville.com](mailto:secretary@ashrae4greenville.com)



## *A Message from the President*

Last month we discussed acoustics/vibration best practices for HVAC equipment. Thanks to all who attended. This month James Groman will be discussing the residential energy efficiency.

Roper Mountain Science Center will be undergoing construction in our normal meeting location, Wilkins Conference Center. For this reason, we will be meeting in different locations for the March meeting. Please refer to the Giga-Joule for more information on these changes. We apologize for any inconvenience.



Please be sure to take a look at our spring golf tournament, planned for May 10<sup>th</sup> at Furman University Golf Course. The forms will be included with the Giga-Joule email, and please contact Lee Chapman ([lee.b.chapman@jci.com](mailto:lee.b.chapman@jci.com) or 864-234-3802) to RSVP.

We are always looking for new faces to participate on a committee or serve on the Board of Governors. If you would like to hear more information on what this would entail, please let me know.

All presentation slots for this ASHRAE year have been filled, so please take a look at the revised schedule at the bottom of this document and attend as many as possible. We still like to hear of ideas for future meetings, so please let me know if you have a topic that would make for a good meeting.

Also please note that this month is a membership meeting. That means that we will be promoting new ASHRAE memberships. If you bring in someone who signs up as a new member, you and the new member will receive a free lunch. So let us see some new faces this month.

**Ryan Tonnsen**  
Greenville ASHRAE President  
[president@ashrae4greenville.com](mailto:president@ashrae4greenville.com)

## *Chapter Programs*

This month, the technical presentation is entitled “Residential Energy Efficiency.” Please RSVP so that we can make arrangements to have the appropriate amount of food available.

### **March Meeting**

#### **Program: “Residential Energy Efficiency”**

This month’s presentation is Residential Energy Efficiency. Mr. James Groman will discuss residential energy efficiency and demonstrate a blower door test and duct blaster test.

#### **Presenter: James Groman**

James Groman is a Mechanical Engineering graduate from Clemson University. He has worked in various sales engineering and application positions with local manufacturer representatives and engineering companies, mainly with HVAC and related equipment. Mr. Groman made a career change to enter the energy efficiency business and became one of the first people in South Carolina to obtain a building analyst certification from the Building Performance Institute, and qualify as a home energy assessor with the expanded federal funded weatherization program. Working with the agency in Athens GA, he performed over 400 blower door tests, home assessments, and inspections. Since the program ended, Mr. Groman has returned to engineering sales with Unaflex of Anderson, SC.

<b>Location:</b>	Roper Mountain Science Center ( <a href="http://www.ropermountain.org">www.ropermountain.org</a> )
<b>Date:</b>	Thursday, March 14, 2013
<b>Time:</b>	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. “Residential Energy Efficiency” Program
<b>Cost:</b>	Lunch Program: \$10/chapter member \$15/non-chapter member (catered lunch)
<b>Education Credit:</b>	The Technical Program qualifies for 1.0 PDH (including NC PE)

**Please RSVP to [secretary@ASHRAE4greenville.com](mailto:secretary@ASHRAE4greenville.com)  
No later than Noon Tuesday, March 12, 2013**

## *Chapter Technology Transfer*

### **ASHRAE Webcast to Focus on Building Energy Performance**

ASHRAE's upcoming webcast, titled **Assessing Building Energy Performance: From Principles to Practice**, will broadcast live on **April 18, 2013, from 1:00 – 4:00 pm EDT**.



“This webcast will focus on the importance of building energy performance and its far reaching implications in both new and existing buildings,” said Andy Cochrane, Chair of the CTTC Webcast Ad Hoc Committee. “This program will help participants to recognize the opportunities that Assessing Building Energy Performance (ABEP) presents. From recognizing the different approaches, team skills, and knowledge needed to properly assess building energy performance, to the application of ASHRAE building audit levels, this webcast will provide viewers with an understanding of ABEP principles and practical application knowledge.”

The webcast presenters are:

- Christopher Mathis, President, MC Squared, Asheville, NC
- Drury Crawley, Ph.D, Director of Building Performance, Bentley Systems, Washington, DC
- Jim Kelsey, LEED AP, PE, BEAP, Principal, kW Engineering, Oakland, CA

Online registration for the webcast will begin on March 18, 2013.

Participants may earn 3 PDHs or 3 AIA Learning Units by completing the Participant Reaction Form by May 3, 2013

Can't watch it on April 18<sup>th</sup>? The webcast archive will be available to registered participants between April 19<sup>th</sup> and May 3<sup>rd</sup>. Continuing education credits will also be available for the archive.

For more information on the webcast program, sponsorship opportunities, continuing education credits, and ASHRAE resources related to assessing building energy performance, visit [www.ashrae.org/ABEPwebcast](http://www.ashrae.org/ABEPwebcast). If you have questions about the webcast, call 678-539-1200 or email [ashrae-webcast@ashrae.org](mailto:ashrae-webcast@ashrae.org).

## **SC Energy Office Mini-Grant Solicitation**

**APPLICATION DEADLINE: March 22, 2013**

The South Carolina Energy Office Mini-Grant Solicitation for high impact educational or demonstration projects in the areas of energy efficiency, renewable energy, and alternative fuels is funded by the US Department of Energy in an effort to encourage awareness of emerging technologies through projects that will be visible to a large number of individuals. Awards will range from \$3,000 to \$5,000. Eligible applicants include state agencies, local governments, state funded colleges, universities and technical colleges, utilities and non-profits. Projects must be completed by June 30, 2013.

Awards will be made by a selection committee, based on the following criteria:

1. Expected energy savings and simple payback period
2. Visibility of the Project
3. Ability to complete the project within the specified timeframe.
4. Applicant's contribution to the project, including applicant's proposed post-installation evaluation of impact.

For more information and for the application, please click [here](#).

All questions regarding this solicitation and the application process should be addressed to Trish Jerman at 803-737-8030, or [tjerman@energy.sc.gov](mailto:tjerman@energy.sc.gov).

**Myrna Dayan**  
**Chapter Technologies Transfer Chair, Greenville Region IV**  
[myrna@mail.ashrae.org](mailto:myrna@mail.ashrae.org)

## Event Dates for 2012-2013

Thursday 09/13/2012	LEED Litigation	Presenter: Stephanie Burton
Thursday 10/11/2012	Today's Project Design Challenges ..... A Contractor's Perspective	Presenter: Bill Caldwell
Thursday 11/8/2012	Building Energy Quotient (BEQ)	Presenter: Thomas Phoenix
Thursday 12/13/2012	Solar Thermal Additional Seminar: Primary Secondary vs. Variable Primary debate	Presenter: Chris Edmondson, Distinguished Lecturer
Thursday 01/10/2013	Mold Control	Presenter: Andy Schauder
Thursday 02/14/2013	Acoustics/Vibration Best Practices for HVAC Equipment	Presenter: Dwight Landry
Thursday 03/14/2013	Residential Energy Efficiency	Presenter: James Groman
Thursday 04/11/2013	Responsible Use of Refrigerants Additional Seminar: Thermal Storage-Peak Load Avoidance	Presenter: Julian De Bullet, Distinguished Lecturer
Friday 4/26/2013	ASHRAE Golf Tournament	
Thursday 05/9/2013	HVAC Equipment Research at Oak Ridge National Laboratories	Presenter: Heather Buckberry



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Technology for a Better Environment

**Region IV**  
**Greenville Chapter**