



Giga-Joule

Greenville Chapter

March, 2012

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

Meeting Announcement

The March meeting will be held on Thursday, March 8th at the Clemson University International Center for Automotive Research (CUICAR). The details are listed on the Programs Page. For more information, please contact our Secretary, Ryan Tonnsen, at secretary@ashrae4greenville.com

A Message from the President

Thanks our speaker David Pleasants for making the trip to Greenville to give us a great presentation on Ultrasonic Flow & Energy Metering. I think everyone found it to be an interesting and fresh topic – all reviews were very positive. We have a special treat for this month's meeting – we'll be doing a tour of an Underfloor System on the Clemson ICAR Campus. In addition, we are inviting our Clemson Student Chapter to attend. When you see students there, please do what you can to introduce yourself and make them feel welcome. **Please note the details below, as we are meeting at a different time and in a different location than usual.**



There will be a free, live ASHRAE Webcast on April 19th from 1:00 – 4:00 p.m. on Dedicated Outdoor Air Systems – A Path to Balancing Energy and IEQ. By watching the Webcast, you will be eligible for 3 PDH credits. I will hand out information at our March Chapter meeting on how to register. You can also find information on the ASHRAE Society website.

Other discussions during our Board of Governors meeting on February 14th include the following:

- We are still trying to fill all of our positions for the 2012-2013 ASHRAE year – please let me know if you are interested in volunteering.
- Mechanical Contractors Association of South Carolina is having a meeting on May 1st at BMW with Congressman Trey Gowdy. We are in discussions MCASC about creating a joint meeting.
- We're still looking at doing a Chapter Social Night sometime this spring – we are leaning towards doing a Clemson/Furman baseball game at the Greenville Drive Stadium on April 10th.
- We are donating \$375 to the upcoming Science Fair that Roper Mountain Science Center is hosting. The \$375 includes a silver level sponsorship and 2 awards for participants in the Science Fair. The Science Fair judging will on 3/27 and the Awards Ceremony on 4/10.

Grant Wiegmann
Chapter President
president@ashrae4greenville.com

Membership Corner

Welcome to all our new Greenville Chapter Members, we have had several new folks join us over the last few months – if you notice some new faces in the crowd, please extend that warm Greenville Chapter welcome to them.

As the ASHRAE Membership Chair for the last few years, we are constantly looking for ways to boost our membership...Your participation is greatly appreciated. Bring a friend to a lunch meeting and let him/her know how ASHRAE Membership has benefited you. All mechanical engineers, mechanical contractors, facility managers, engineering students and anyone involved in any and all aspects of the HVACR industry are welcomed to join ASHRAE.



Our second Membership Promotion Meeting is scheduled for April 2012. This is a great opportunity to bring a friend with a completed application and you both will enjoy lunch and the meeting on us...applications can be completed online or downloaded at www.ashrae.org – ***Don't forget to select Membership in the Greenville Chapter.***

Note to existing members – Please update your BIOS at www.ashrae.org (if you need assistance with this, please do not hesitate to contact me)

Ideas are always welcome to assist us with promoting ASHRAE Greenville Membership, as well as retaining current Membership, and fund raising...Please feel free to contact me at membership@ashrae4greenville.com or 864-444-0219 or any of the other ASHRAE Board Members.

For your Future Planning: Calling ALL MEMBERS...In August of 2012, Ashrae Greenville, will be hosting the annual CRC Meeting for all ASHRAE Board Members in the Southeast...we are currently seeking members who wish to be involved in the planning as well as serve on the Board help us to plan for a successful and well attended event. Please see any of the Board Members at our monthly meetings or contact us directly...

Best Regards,
Dorothy Bertolini
Membership Chair – ASHRAE Greenville SC
membership@ashrae4greenville.com

Chapter Programs

As mentioned above, we are handling the Programs Chair by committee until we come up with a chairman.

This month's technical presentation is "Underfloor Air Distribution." Please RSVP so that we can make arrangements to have the appropriate amount of food available.

February Meeting

Program: Underfloor Air Distribution

Ghassan F. Elkhatib P.E.

B.S. degree in Architecture Engineering with emphasis in HVAC from the University of Kansas, Lawrence, USA.

A consulting Mechanical Engineer for over 14 years with current & past PE Registrations in over forty (40) States. Mechanical Engineer of Record on many commercial, educational, & government projects.

Ghassan has experience with a broad spectrum of mechanical systems. Currently, is a Business Development Manager (System Application Specialist) for AirFixture, manufacturer of Under Floor Air Distribution (UFAD) products that are distributed through Johnson Controls and installed in over 48 million square feet worldwide.

The presentation will start in Classroom 401 of the Carroll A. Campbell Jr. Graduate Engineering building and will be followed by a demonstration at the Center for Emerging Technologies' to observe the underfloor air distribution system. There will be an infrared camera with LED screen available to view the heat transfer from the plenum.

Location: Clemson University International Center for Automotive Research (CUICAR)
4 Research Drive, Greenville, SC 29607
Directions can be found at: <http://www.cuicar.com/campus/directions.html>

Date: Thursday, March 8, 2012

Time: 5:00 p.m. Doors Open
5:15 a.m. Food Served
5:15 p.m. to 5:30 p.m. Chapter Business
5:30 p.m. to 6:30 p.m. Main Program
6:30 p.m. to 7:00 p.m. Demonstration

Cost: Program: \$10/chapter member \$15/non-chapter member (catered dinner)

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

**Please RSVP to secretary@ASHRAE4greenville.com
No later than Noon Tuesday, March 6th, 2012**

Tentative Event Dates for 2011-2012

Thursday 09/08/2011	September Chapter Meeting: Fabric Duct Design	Presenter: Chris Pavlatos
Thursday 10/13/2011	October Chapter Meeting: Water Treatment for Cooling Tower, Hot Water and Chilled Water Systems	Presenter: David Graham
Friday 10/14/2011	ASHRAE Golf Tournament	Green Valley Country Club
Thursday 11/10/2011	November Chapter Meeting: Variable Volume Kitchen Application/Design	Presenter: Brian Rivet
Thursday 12/08/2011	December Chapter Meeting: Wireless Communications	Presenter: JCI
Thursday 01/12/2012	January Chapter Meeting: IAQ Method of 62.1	Presenter: Charles Waddell
Thursday 02/9/2012	February Chapter Meeting: Flow and Energy Meters	Presenter: David Pleasants
Thursday 03/8/2012	March Chapter Meeting: Underfloor Air Distribution & ICAR Tour	Presenter: Ghassan Elkhatib
Thursday 04/12/2012	April Chapter Meeting: Smoke Evacuation Systems	Presenter: George McCall
?	ASHRAE Golf Tournament	
Thursday 05/10/2012	May Chapter Meeting: Retro-commissioning	Presenter: Roy H Bohanon ASHRAE Distinguished Lecturer



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Region IV
Greenville Chapter