



# Giga-Joule

Greenville Chapter

February, 2012

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

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## *Meeting Announcement*

The February meeting will be held on Thursday, February 9th at the Roper Mountain Science Center. The details are listed on the Programs Page. For more information, please contact our Secretary, Ryan Tonnsen, at [secretary@ashrae4greenville.com](mailto:secretary@ashrae4greenville.com)

## *A Message from the President*

Happy February Everyone. Last month we had Charlie Waddell present on how to reduce outside air requirements using the IAQ Procedure of ASHRAE 62.1. Thanks to our speaker, and everyone who attended. This month we have a familiar face - David Pleasants - presenting on Flow and Energy Metering



At January's Board of Governor's Meeting, we began seriously discussing who would fill the newly open leadership positions on our Board (President, Programs Chair, Historian, CTTC). We have some ideas, but are always looking for new ideas and new volunteers. Please let me know if any of you are interested in helping out or have any ideas.

Other discussions during our Board of Governors meeting on January 25<sup>th</sup> include the following:

- PAOE Points – need to get Board members to update our Points filings.
- An easy way to increase attendance at Chapter meetings is to send out a reminder a day or two before the meeting. We are going to start doing this.
- Programs – Discussed final details on our ICAR tour for March. We also began to brainstorm for programs for the 2012-2013 year.
- Winter National Conference (Chicago) – How many members did we have attend? We counted 7 in our BOG meeting. Please let me know if any of you attended, as we get points for every Chapter Member that attends.
- We're still looking at doing a Chapter Social Night sometime this spring – ideas have been narrowed down to a Greenville Drive game and a BMW Tour/Dinner.
- Membership month is moving to April.
- CRC – We're in full swing as far as planning for the Chapter Regional Conference that we're hosting in August. Brandt Williams is our CRC Chairman – please contact Brandt or myself if you'd like to be involved.

**Grant Wiegmann**  
Chapter President  
[president@ashrae4greenville.com](mailto:president@ashrae4greenville.com)

## *Membership Corner*

Membership in ASHRAE – the American Society of Heating, Refrigerating and Air-Conditioning Engineers – is open to any person associated with heating, ventilation, air conditioning or refrigeration through such disciplines as indoor air quality and energy conservation, for example. Membership in ASHRAE allows access to state-of-the-art HVAC&R technology and provides many opportunities to participate in the development of that technology.



We would like to thank all members who recently joined via a Membership Promotion Meeting, a transfer in, showed up at a monthly meeting, or were invited by a friend to become a Member, we appreciate your support. As well as welcome back our existing members, we could not do this without you all.

Now...we need you to share with your friends and colleagues the benefits of being a Member of the Greenville Chapter of ASHRAE. **Invite, invite, and then invite some more...**any new potential Non-Members. Don't forget about those Young Engineers – ASHRAE offers a special membership for engineers currently under the age of 35 to encourage them to be involved...these are our future leaders.

Be on the lookout for our next Membership Promotion Meeting (SPRING) the format is generally as follows, members (in good standing) will enjoy a free lunch with their guest's completed ASHRAE Membership form ~ of course your guest will eat free as well. See me at the sign in table for applications and to answer any questions that you or they may have regarding ASHRAE Membership.

NOTE to ALL existing members wishing to Upgrade your ASHRAE Membership YOU must go online to [www.ASHRAE.org](http://www.ASHRAE.org) to complete your BIO...your membership status may be automatically updated based on the information that you supply...it's quick and it's easy ~ After all it all about YOU!

I am always available to discuss your questions and concerns, or if you have a good idea or suggestion on how we can increase membership – trust me...We are interested.

**ALSO...**Save the dates August 2-4<sup>th</sup> 2012 the annual ASHRAE CRC Regional Meeting will be hosted right here in Greenville ~ tons of great programs, great people from the surrounding region, golf, and socials will complete this weekend that you truly do not want to miss. We are currently seeking volunteers from the Greenville Chapter to assist in any capacity – if you are interested please see me or email me.

We have some exciting programs planned for 2012...make sure that you RSVP as soon as possible so that we can save you a seat.

**Best Regards,**  
**Dorothy Bertolini**  
**Membership Chair – ASHRAE Greenville SC**  
[membership@ashrae4greenville.com](mailto: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 "Ultrasonic Flow & Energy Metering." Please RSVP so that we can make arrangements to have the appropriate amount of food available.

### *February Meeting*

#### **Program: Ultrasonic Flow & Energy Metering**

#### **David Pleasants**

David Pleasants has served in the HVAC hydronics and steam industry for over thirty years. He officially retired from his roles as Vice President and Sales Manager from James M. Pleasants Co., Inc. in December, 2009.

He is currently a consultant for James M. Pleasants Co., Inc. as well as Principal of Pleasants Energy Services LLC. He specializes in the areas of energy and geothermal and hybrid geothermal water source heat pump systems for James M. Pleasants Co.

Pleasants Energy Services is a specialty manufacturers' representative for energy and flow meters in hydronics, steam and gas.

He has been a member of ASHRAE for many years and remains active in both his local chapter and on the Society level. He is past President of the North Piedmont chapter and remains active on the local level. He is also currently a voting member of ASHRAE TC 6.8 Geothermal Energy Utilization and has been associated with TC 6.8 as a member or corresponding member for over ten years.

He has authored and presented many seminars and courses in the hydronics, steam and energy fields as well as having practical experience in actual systems in the field.

**Location:** Roper Mountain Science Center ([www.ropermountain.org](http://www.ropermountain.org))

**Date:** Thursday, February 9, 2011

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

**Cost:** Lunch Program: \$10/chapter member \$15/non-chapter member (catered lunch)

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

**Please RSVP to [secretary@ASHRAE4greenville.com](mailto:secretary@ASHRAE4greenville.com)  
No later than Noon Tuesday, February 7, 2012**

# *Chapter Technology Transfer*

## LOGO & Branding

At the winter meeting the new “ASHRAE” brand was announced. This is part of a makeover in the ASHRAE logo and corporate name. American Society of Heating Refrigerating and Air-Conditioning Engineers is now a thing of the past. The new organization name is simply ASHRAE. The logo has also undergone an update, but you have pardon us for several issues as we try and catch up with the new logo.

In a letter published on the web-site President Jarnigan explains that the organization’s role has shifted more towards sustainability and total building design and thus an update in the logo and name was needed. A new tag line was also announced, “Shaping Tomorrow’s Built Environment Today.” The open letter to the members can be found at:

<http://www.ashrae.org/news/ashrae-announces-rebranding>

The branding and logo change also roughly coincides with the new website. The look and organization of the website has changed. (My personal opinion of the old website wasn’t very high and I haven’t used the new one enough yet to have an opinion.)

## ASHRAE & IAPMO

A Memo of Understanding (MOU) was signed at the winter conference between ASHRAE and the International Association of Plumbing and Mechanical Officials. The IAPMO is the organization that writes the Uniform Plumbing and Mechanical codes.

The MOU details ways in “which the two organizations can work together to advance and promote mutual interests in built environment codes and standards.” The memo outlines collaboration in areas of promotion of codes and standards with mutually beneficial positions, co-develop courses and training programs in areas of overlapping interest and expertise, promoting research, and other areas.

**Devon Cortright , P.E., LEED AP**  
**Chairman Chapter Technologies Transfer, Greenville Region IV**  
**ASHRAE Member Since 1982**



**Devon Cortright PE**  
**Chapter Technology**  
**Transfer Chairman**  
[ctt@ashrae4greenville.com](mailto:ctt@ashrae4greenville.com)

## 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



**ASHRAE**  
Technology for a Better Environment

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