



Giga-Joule

January 2014

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

Meeting Announcement

The January meeting will be held on Thursday, January 9 at the Wilkins Conference Center at Roper Mountain Science Center. For more information, please contact our Secretary, Ryan Tonnsen, at secretary@ashrae4greenville.com.

A Message from the President

We are pleased to welcome Mr. Daniel Nall, PE to discuss Thermally Active Structures for Green Buildings for our January meeting. This will be a joint meeting with USGBC. See the schedule below for more details on these events and all our 2013-2014 meetings.

We had an excellent meeting for our December 5, 2013 50th Anniversary ASHRAE of Greenville at the Hyatt in downtown Greenville, SC. Notable guests include many of our past presidents, including two of our original chapter members. The photos below show some of the highlights of the evening.



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.

For those in our chapter who knew Woody Brooking: he died on New Year's Eve after a brief battle with cancer.

Daniel Lowe
Greenville ASHRAE President
lowed@cxconsultants.com







Past Presidents- Rear Row: Jack Slattery, Jon McKnight, Hank McCulough, Jim McCarter, Paul Jensen, Grant Wiegmann. Front Row: Pete Arsenault, Kevin Melton, Steve Abernathy, Devon Cortright, Daniel Lowe (Current President), Ryan Tonnsen

Membership

Greenville ASHRAE Members,

Greetings from Membership Promotion! I hope that everyone had fantastic Christmas and that 2014 finds you well. This month I would like to remind everyone to please take a minute to check your ASHRAE membership status. Many memberships need renewal at the beginning of the year which can be easily done by visiting www.ashrae.org. Once you have logged in, you should see a "Welcome" section in the top right corner. If it is time to renew your membership, you will see a "Renew" button as well (see below example).



Welcome, [Richard](#) | [Sign Out](#)
Paid Through 11/30/2013 | [Renew](#)

Clicking this button will take you through the process of renewing your membership. Don't forget that you can also pay your \$60.00 chapter dues at this time. These dues help us with our operating budget and pay for items such as speaker hotel rooms, conference room reservation fees, and much more.

Thank you for everything you do for ASHRAE, and we look forward to seeing you at our next meeting!

Tigue Garick
Membership Promotion Chair
Greenville, SC
864-616-0592

January Meeting

Presenter: Daniel Nall

Program: Thermally Activated Structures

Location: Roper Mountain Science Center (www.ropermountain.org)

Date: Thursday, January 9, 2014

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. "Thermally Activated Structures" Program

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

Education Credit: The Technical Programs qualify for 1.0 PDH (including NC PE).

**Please RSVP to lowed@cxconsultants.com
No later than Noon Tuesday, January 7, 2014**

History

I want to thank all of those who joined us at the Hyatt to celebrate the 50th anniversary of the Greenville chapter of ASHRAE. The participation of individuals that have been absent for a number of years made it special. There were twelve past presidents of the Greenville Chapter in attendance. More than 50 years ago 26 individuals of the South Carolina chapter applied to create a separate chapter for the upstate of South Carolina. Two of those individuals were in attendance, Jim McCarter and Harry King. Although I didn't include him in the count above, Harry stands alone in the past president category - President of the South Carolina chapter before Greenville was created. Harry said one of the reasons he signed the charter was that he got tired of driving all over the state to attend meetings.

Tom Phoenix, ASHRAE President Elect, made a presentation congratulating Greenville for reaching this milestone. Billy Austin was also in attendance representing the leadership of Region IV.

Tom Werkema, Jr. made an interesting presentation on global warming. There was also a great deal of socializing and storytelling.

Devon Cortright

Chapter Technology Transfer

Happy New Year! This spring, we will start putting together our programs for 2014/2015. What presentations do you want to hear about? Please let me know of any topics or speakers you would like to hear about in the upcoming year. We have a list of ASHRAE distinguished lecturers that we can use (<https://www.ashrae.org/membership--conferences/distinguished-lecturer-program>) and we welcome other speakers. Topics in the past have ranged from a wide breadth of HVAC related topics, Refrigeration, litigation to project management.

Refrigeration Commissioning Guide Free Download

The first of its kind, Refrigeration Commissioning Guide for Commercial and Industrial Systems provides guidance to owners and managers of commercial and industrial facilities that use refrigeration systems to help ensure that project requirements are met and owners' expectations are achieved. For commercial facility owners and managers, this means improved profitability through lower operating and service costs as well as reduced product loss.

Because deficiencies in system design found at start-up are not easily resolved, maintenance managers or operators may deal with unnecessary shortcomings and expenses over the life of the facility. Commissioning helps project teams avoid these "surprises" by establishing a consistent, stepwise process that helps "get it right the first time."

The commissioning process starts with the initial planning and design and continues through construction, installation, start-up, and the first year of system operation. Commissioning also sets the stage for ongoing servicing and maintenance of performance. The result is refrigeration systems that are easier and less expensive to install and maintain, with lower energy costs, minimized liabilities from refrigeration system leaks, and reduced loss of refrigerated product due to system failures or unreliable performance.

Using this Guide will help achieve cost-effective and cost-efficient refrigeration systems for new projects, expansions, remodels, and existing systems that simply need a tune-up.

This Guide was developed through cooperation of ASHRAE and the U.S. Department of Energy. In an effort to promote building energy efficiency, ASHRAE and DOE are making this Guide available for download (PDF) at no charge.

<https://www.ashrae.org/resources--publications/bookstore/refrigeration-commissioning-guide-free-download>

IAQ Monitoring Webinar

Engineers and contractors face many strategic and tactical decisions when planning the integration of gas monitoring system into a commercial building. For example, what approach do I take with a retrofit project versus a new one? Where do I place the gas monitors for maximum effect? Register for this free supplier-sponsored webinar from Honeywell Analytics scheduled for 3 p.m. January 16th.

<https://event.on24.com/eventRegistration/EventLobbyServlet?target=registration.jsp&eventid=732845&sessionid=1&key=478B8F43E311385CBF60072CB624F546&sourcepage=register>



*Myrna Dayan
Chapter Technologies Transfer Chair, Greenville Region IV
myrna@mail.ashrae.org*

Event Dates for 2013-2014

Thursday 09/12/2013	Meet and Greet MEMBERSHIP PROMOTION MEETING	
Wednesday 10/09/13	ASHEVILLE Meeting @ Lenoir-Rhyne University Center for Graduate Studies of Asheville 36 Montford Ave., Asheville noon-1:30pm ASHRAE 90.1 - 2010 Waterside Economizer Standards	Presenter: James C. ("Chris") Edmondson, Jr. Distinguished Lecturer
Thursday 10/10/2013	ASHRAE 90.1 - 2010 Waterside Economizer Standards	Presenter: James C. ("Chris") Edmondson, Jr. Distinguished Lecturer
Thursday 11/14/2013	Liquid Desiccant Technology	Presenter: Steve Blinn
Thursday 12/05/2013	ASHRAE Greenville 50th Anniversary Party Greenville Hyatt 5pm-12am Featured Program: Climate Change	Presenter: Thomas E. Werkema, Jr Distinguished Lecturer
Thursday 01/09/2014	Thermally Active Structures for Green Buildings Joint meeting with USGBC	Presenter: Daniel Nall, PE Distinguished Lecturer
Thursday 02/13/2014	Ammonia Refrigeration Systems	Presenter: Doug Reindl, Ph.D Distinguished Lecturer
Thursday 03/13/2014	<i>Tentative</i> The Art and Science of Building Enclosure Commissioning	Presenter: Fiona Aldous
Thursday 04/10/2014	Variable Volume Pumping	Presenter: David McDaniel
Thursday 05/08/2014	Integrated Building Design	Presenter: Charles E. ("Chuck") Gulledge III, PE Distinguished Lecturer



Unless otherwise stated meetings are:
 2nd Thursday of the Month
 11:30am – 1pm
 Wilkins Conference Center
 Roper Mountain Science Center