

Giga-Joule

September 2014

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

Meeting Announcement

The September meeting will be held on **Tuesday**, **September 9**, **2014** at M.T. Anderson Support Center. For more information, please contact our Secretary, Melissa Angulo, at secretary@ashrae4greenville.com.

A Message from the President

Happy New ASHRAE Year! I am excited to be serving as your Chapter President this year and together with the Committee we have a great year of events lined up. We took your input from last year's survey to create a program of speakers.

I am thankful to have a wonderful Chapter committee. Please take the opportunity to meet them at our Chapter meetings. As always, we appreciate any suggestions you may have for our chapter. Please let me know if you are interested in serving on a Chapter Committee. More about what a chapter committee does is available in the Manual of Chapter Operations, found here: https://www.ashrae.org/society-groups/chapters



A couple of weeks ago we had our Chapters Regional Conference (CRC) in Charleston. Our region consists of seven chapters, Atlanta, Charleston, Greenville, North Piedmont (Greensboro, NC), South Carolina (Columbia, SC), Southern Piedmont (Charlotte, NC) and Triangle (Raleigh-Durham, NC). Aside for the opportunity to meet with other regional chapters and learn about better ways in which to run our chapter, it's an opportunity for our region to have a voice at Society level. Our Society President, Tom Phoenix, hails from Region IV. Many of you had the opportunity to meet Tom at our 2013 meeting on BEQ and at our 50th Anniversary Party. You can see his presidential address, "People, Passion and Performance" at the following link:

https://www.ashrae.org/society-groups/meet-the-board/2014-15-bod

During the CRC, we have the opportunity to bring forth motions to Society level. Chapter members have the right and responsibility to present to their chapter CRC Action Committee (Chapter President & President-Elect) motions to enhance chapter, region or society activity. These motions will be presented by the delegate (usually, the Chapter President) of your chapter and discussed and voted on during the business session. Here is a link to last year's motions, https://www.ashrae.org/society-groups/chapters/crc-motions

Another of my responsibilities, as Chapter President, is to bring nominations forward for regional positions and committee positions. The Nominating Committee, one of the Society's most important committees, has the responsibility of selecting and nominating members who will guide the affairs of ASHRAE. However, for many committees, you may also nominate yourself or someone else directly through the ASHRAE website. There are many opportunities for ASHRAE members to participate at Society level from Standing Committees (https://www.ashrae.org/society-groups/committees) to the Membership, Publishing & Education and Technology Councils, (https://www.ashrae.org/society-groups/councils). In addition, there are many technical committees, which correspond to the Handbook

sections, where you can join as a Corresponding Member (https://www.ashrae.org/standards-research--technology/technical-committees) and the Standards committees, found here: http://www.ashraepcs.org. Even if you do not wish to participate in one of these groups, you can find all the proceedings in the links above.

I look forward to seeing you at our Chapter Meetings and events.

Myrna Dayan, PE, CEM, LEED AP
President, Greenville Chapter, ASHRAE Region IV
myrna@mail.ashrae.org

Membership

Greetings from your new Membership Promotion Chair! I'm looking forward to spreading the word with you about the benefits of ASHRAE membership, including participating in our chapter. A few things we plan for this year include:

- Chapter meetings in Asheville in October and April, in addition to the meetings in Greenville
- Different nametags for visitors at our chapter meetings so we all can make them feel welcome
- Focus on membership promotions at two meetings this year (to be determined)

Kevin Brock Membership Promotion Chair Waynesville, NC 828-772-6956 kevin.brock@dnvgl.com

In efforts to keep you updated, visit us at:

WEBSITE: www.ashrae4greenville.com

LINKEDIN: https://www.linkedin.com/groups?home=&gid=8154388&trk=anet_ug_hm

EVENTCALENDAR: View ASHRAE Greenville Chapter Meetings calendar

September Meeting

Presenter: Ralph Kittler, P.E. Distinguished Lecturer

Mr. Kittler is a Co-Founder and Director of Sales & Marketing for Seresco Technologies Inc., a dehumidifier manufacturer. He is a Professional Engineer with a degree in Mechanical Engineering from Lakehead University, Ontario Canada in 1989.

Mr. Kittler is an ASHRAE Distinguished Lecturer and well regarded in the HVAC industry as an expert in dehumidification and Indoor Pool Design. He has been in the dehumidification and Natatorium design field for 20 years. He is TC 9.8's revisor responsible for Chapter 4 (Large Building Air Conditioning Applications) of ASHRAE's 1999/2003/2007/2011 Applications Design Handbook which covers Natatorium Design. He is also TC 8.10's Handbook subcommittee chair for the new Dehumidifiers chapter (24) in the Systems and Equipment Handbook and speaks regularly at ASHRAE meetings across the country.

LECTURE TOPIC:

Natatorium Design and Dehumidification.

These facilities are notoriously complex to design and can be expensive to operate. The presentation covers the many critical system design aspects of a Natatorium which include the fundamentals of psychrometrics, dew point, humidity/condensation control, moisture load calculation, air distribution, ventilation requirements, water chemistry and how to optimize your operating conditions to minimize operating costs.

Programs: Natatorium Design – 1 PDH

Location: M.T. Anderson Support Center

100 Blassingame Road Greenville, SC 29605

Date: Tuesday, September 09, 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. Program

Cost: Lunch Program: \$13 in advance \$15 at door for chapter member (catered lunch)

\$20 for non-chapter member (catered lunch)

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

Please RSVP to myrna@mail.ashrae.org
No later than Noon Thursday, September 4, 2014

ASHRAE Greenville Chapter Board 2014-2015 Committee

Chapter President	Myrna Dayan	
Chapter President Elect	President Elect Tigue Garick,	
Chapter Vice President	Daniel Lowe	
Chapter Secretary	Melissa Angulo	
Chapter Treasurer	Jeff B Beard	
Chapter Board of Governors	Devon Cortright	
Chapter Board of Governors	Karl Counts	
Chapter Board of Governors	Bill Knight	
Chapter Board of Governors	Carol Suttles	
Chapter Board of Governors	Brandt H Williams	
Chapter Board of Governors	Rodney Hinton	
Chapter Technology Transfer Chair	Javier Fernandez	
Chapter Membership Promotion Chair	Kevin Brock	
Chapter Research Promotion Chair	Tigue Garick	
Chapter Student Activities Chair	Daniel Lowe	
Chapter Grassroots Government Activities Chair	Tigue Garick	
Chapter Historian	Bill Knight	
Chapter Honors and Awards	Devon D Cortright	
Chapter Webmaster	Karl F Counts	
YEA CHAIR	Jeremy Butdorf	
Programs	Ryan Tonnsen	

Event Dates for 2014-2015		
Tuesday 09/09/2014	Natatorium Design	Presenter: Ralph Kittler, Distinguished Lecturer
Tuesday 10/14/2014	Chilled Beam Technologies and Applications	Presenter: Chris Lawrence, Dadanco, Inc.
Wednesday 10/15/2014	ASHEVILLE LOCATION: Chilled Beam Technologies and Applications	Presenter: Chris Lawrence, Dadanco, Inc.
Tuesday 11/11/2014	Outside Airflow Measurement, Fixed Set point and DCV	Presenter: Doug Dougan, Ebtron
Tuesday 11/11/2014 <u>1:30-2:30</u>	Duct Air Leak Testing (DALT) What You Need to Know	Presenter: Bill Stout, Jr. Eastern Sheetmetal
Tuesday 12/09/2014	Ammonia Refrigeration Systems	Presenter: Doug Reindl, Distinguished Lecturer
Tuesday 12/09/2014 1:30-2:30	ASHRAE Standard 15 – A review and update (Safety Standard for Refrigeration Systems)	Presenter: Doug Reindl, Distinguished Lecturer
Tuesday 01/13/2015	ASHRAE Standard 62.1-2010, IAQ Procedure	Presenter: Charlie Waddell, Global Plasma Systems
Tuesday 02/10/2015	Humidification Strategies	Presenter: Mike Dovich, Dri-Steem
Tuesday 03/10/2015	IFRH: Calculating Loads, Applications, Technology	Presenter: Scott Fleet, Detroit Radiant
Tuesday 04/14/2015	Integrated Sensing and Control Systems	Presenter: (TBD) Aircuity
Wednesday 04/15/2015	ASHEVILLE LOCATION: Integrated Sensing and Control Systems	Presenter: (TBD) Aircuity
SPRING	Golf Outing	Location: TBD
Tuesday 05/12/2015	Wireless and Web Accessible Controls	Presenter: (TBD) Trane



Unless otherwise stated meetings are:

2nd Tuesday of the Month
11:30am – 1pm
MT Anderson Support Center
100 Blassingame Road. Greenville, SC 29605
Each program provides at least 1 PDH