



Giga-Joule

October 2014

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

Meeting Announcement

The October meeting will be held on **Tuesday, October 14, 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

Last month, Ralph Kittler gave a very informative presentation on Natatorium design. His presentation will be available on our Chapter Website soon. Chapter Service Awards were presented to Paul Jensen, Devon Cortright and Carroll Suttles for their service to our Chapter. Thank you for serving our Chapter! Technical Awards were presented to Brandt Williams for New Construction in Schools and Devon Cortright for New Construction in Healthcare facilities.



We will be looking for new entries for this year's Technical Awards. Please contact Javier Fernandez, ctt@ashrae4greenville.com, for further details.



**CAROLINA
INDUSTRIAL
& FACILITY
MAINTENANCE
SHOW**

**OCT. 7, 2014
9:00AM - 2:00PM
TD CONVENTION
CENTER
GREENVILLE, SC**

Please be sure to check out the Carolina Industrial & Facility Maintenance Show. This FREE event is positioned to serve the needs of facility management, plant engineering, plant management and all maintenance management professionals from across the Carolinas. There will be seminars and an exhibition hall. More information here, www.ci-fm.com.

Please RSVP to our Chapter meetings, this helps us keep Chapter costs down and ensure that all attendees have a meal.

The ASHRAE Greenville Chapter is here to serve our members and community. Please let us know if you have any suggestions for Chapter events or presentations.

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*

Chapter Meeting in ASHEVILLE:

We will have a meeting in Asheville on Wednesday, October 15 at the Lenoir-Rhyne University Asheville Graduate Center. The Center is located on the 3rd floor of the Asheville Chamber of Commerce building at 36 Montford Ave., just off I-40. We will start serving lunch at noon, with a technical program on Chilled beam technologies and applications by Nick Searle.

Price for lunch:

\$13 in advance \$15 at door for chapter member (catered lunch)

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



RSVP to Kevin Brock at 828-772-6956 or kevin.brock@dnvgl.com by close of business on Monday, October 13, 2014.3

Upcoming Events



Greetings Greenville ASHRAE Members! Just a quick note to say that the 2015 Research Promotion Fundraising Golf Tournament will be held in either April or May at Musgrove Mill in Clinton, SC. If you are interested in helping plan the event, please email tigueg@jmpco.com for more details. Thanks!

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

October Meeting

Presenter: Nick Searle.

Nick Searle is a Regional Director of DADANCO-MESTEK, a manufacturer of chilled beams and perimeter induction units. He has over 20 years of experience in the design and selection of air distribution, chilled beams and noise control equipment. He has worked on several of the major chilled beam projects in the USA.

In 1996 Nick joined Trox (UK), a manufacturer of air distribution products and air/water systems. In 2006, Nick relocated to North America to support the growing interest in chilled beam technology and has since become a permanent resident based in Atlanta, Georgia.

Nick earned a BTEC in Mechanical and Air Conditioning Engineering at Wandsworth College London, UK, before going on to study Noise & Vibration Control Engineering at NESCOT, Epsom, UK.



LECTURE TOPIC:

Chilled beam technologies and applications

Active chilled beam systems have been used for over 10 years in the USA. Most of these installations are in the northern states but the system is spreading into southern climates with installations in the Carolina's, Georgia, Alabama, Texas and Florida. This presentation covers the basics of chilled beam system design in humid climates with a case study of an installation in Tallahassee, Florida.

Programs: Chilled beam technologies and applications – 1 PDH

Location: M.T. Anderson Support Center
100 Blassingame Road
Greenville, SC 29605

Date: Tuesday, October 14, 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, October 10, 2014**

ASHRAE Greenville Chapter Board 2014-2015 Committee

Chapter President	Myrna Dayan
Chapter 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 Kitzler, Distinguished Lecturer
Tuesday 10/14/2014	Chilled Beam Technologies and Applications	Presenter: Nick Searle, Dadanco, Inc.
Wednesday 10/15/2014	<u>ASHEVILLE LOCATION:</u> Chilled Beam Technologies and Applications	Presenter: Nick Searle, 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 <u>1:30-2:30</u>	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	<u>ASHEVILLE LOCATION:</u> 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 Blessingame Road, Greenville, SC 29605

Each program provides at least 1 PDH