

THE HEAT INDEX



SEPTEMBER 2013

Next Meeting:

Tuesday, January 20th, 2015
Jillian's @5:30
800 Gervais Street
Columbia, SC 29201

HIGHLIGHTS

Special points of interest:

- * Goal of the year: Increase engineering attendance
- * This month's meeting will be at Jillian's.
- * Next Month-TBD—Refrigeration night

PRESIDENT'S MESSAGE

Well, here we are in 2015. It's hard to believe. The two important upcoming events are our monthly meeting on January 20th, and we are going to host our oyster roast on January 30th at Old Monticello Road Hunt Club like we did last year. We decided to wait till January to avoid conflicts with Christmas Parties.

I hope to see you all on the 20th!

Thanks,

John Guignard

CHAPTER PROGRAMS—MICHAEL RUSHING

This month meeting (January 20th) we welcome another ...drum roll please:

Distinguished Lecturer from ASHRAE

Jerry Sipes

Topic: Fundamentals of Displacement Ventilation

Jerry Sipes is the Vice President of Engineering for Price Industries and a Professional Engineer with over 20 years' experience in the HVAC field. His technical areas of interest include heat transfer, fluid flow, human thermal comfort, HVAC and acoustics. Jerry will be speaking about the Fundamentals of Displacement Ventilation. A brief history on the application of displacement ventilation (DV) is presented followed by the theory of how displacement ventilation works and a comparison of DV to overhead air distribution (mixing systems). The benefits of DV including energy saving, air cleanliness – indoor air quality (IAQ), thermal comfort, and humidity control are discussed. Using DV as the basis of building HVAC system design for points in the LEED (Leadership in Energy Efficiency Design) program and the CHPS (Collaborative for High Performance Schools) program is explored.

His lecture is also AIA approved so be sure to invite any architects you know.

Next month's meeting is tentatively scheduled as Refrigeration Night at River Rat Brewing on February 17th. Mark your calendars!

RESEARCH PROMOTION—COLIN SHROPSHIRE

Hello ASHRAE members, I am looking forward to serving as the RP chair (again) for the upcoming year. It will be an exciting time. Please think of all the wonderful things ASHRAE has provided to our profession and careers over the next few months as you donate to the future and ASHRAE's research efforts. We are already busy planning the golf tournament for early spring and have decided to host a oyster roast in the winter as well. Information for both of these events will be sent out in the next few months so be on the lookout!

If you donate directly to Society, please let me know as well. We want to make sure you and our chapter gets credit for your generosity.

<http://southcarolina.ashraechapters.org>

Thanks,

Colin Shropshire

CTTC-MICHAEL RUSHING

This ASHRAE year is shaping up to be monumentous. We've already heard from a Distinguished lecturer in November, we have one coming this month in January, and we anticipate one more before the years out.

ASHRAE will do another webcast this year, so keep an eye out for more information on that!

Thanks,

Michael Rushing

FROM HEADQUARTERS

Please volunteer for the upcoming Annual meeting in Atlanta this summer (June 27-July 1, 2015). We need close to 200 monitors for the sessions and seminars. I want to extend an invitation to our entire region.

Signing up as a volunteer monitor requires one half day of work. Monitors are given training before they begin and will have a handheld device that reads the badges all conference attendees wear. This records their attendance and also tracks PDH's for engineers. Most sessions start at 8 a.m. and end at noon and begin again at 1:30 and end at 4:30. Sessions run on Sunday, Monday and Tuesday with Wednesday morning only.

Volunteers receive full registration (\$580 value), which includes everything except the ALI courses and the special events (Welcome Party, Members Night Out, President's Luncheon.) It does not include transportation, meals or hotels.

This is a great opportunity for engineers to get their required PDH's, have an opportunity to sit in on any committee they may have an interest in joining, (TC, G, MTG, TRG, and SPC), meet people from around the world from our industry and network with other members.

Our Welcome Party will be at the College Football Hall of Fame that recently opened here in Atlanta on Saturday night and will end with Members Night Out "Atlanta Beach Party" on Tuesday night.

We have some exciting general tours planned and our tech tours include the campus of Georgia Institute of Technology infrastructure and Southface Energy Institute.

We always have a Region Dinner in combination with Region XII (Florida & South American) on Monday night and all are invited.

Members... Please turn out for this week long event and support our own home grown ASHRAE Society President Tom Phoenix, our DRC Ginger Scoggins and myself, the General Chair along with Peggy Fritz and the rest of my team.

Pam Immekus



100 Crescent Centre Parkway

Suite 520, Tucker, Ga 30028

Direct: (678)221-5964

pam@leppardjohnson.com

STUDENT ACTIVITIES—MICHAEL RIBBICH

Our student chapter at USC is alive and ready to grow this academic year. Both Michael Frey (Student President) and Stephen Shutte (Vice-President) are working to gain involvement of Faculty Advisor, Dr. Dale McCants. They plan to have a booth next week at the Student Organization Fair to promote ASHRAE, and plan to have their first student meeting of the year in September. The SC Chapter will be having our Student Night as part of our joint meeting with MCASC in October and we have several other activities planned for the year. Right now we are floating the idea of working on a joint ASHRAE design team with SCAD's (Savannah College of Art and Design) ASHRAE chapter to collaborate between the architectural and engineering disciplines.

MEMBERSHIP—TRENT GOODMAN

Please bring someone new to an ASHRAE Meeting!

Our October meeting will coincide with the Mechanical Contractors Association on Thursday October 2nd. We encourage everyone to bring a guest, friend or colleague from the industry out to this event. We'll give you a well deserved pat on the back for bringing them out.

If you are unsure of your dues status please let me know, I'd be happy to look into it for you. If you renewed online it is possible that the check box for local dues didn't get checked. I'd like to ask that you double check this for us and notify me (Trent) if we need to get settled. The viability of our Chapter depends on these dues...and the way the site works currently makes it very easy to be overlooked.

Thanks so much.

- Trent Goodman

924-2718

HISTORIAN—JOHN TONEY

Here's a look back at a few of our previous Chapter Presidents that we all know and love:

THE
SOUTH
CAROLINA
CHAPTER



1990-91 JIM HAYNES

Began his career as a sales representative with Jerry Blackmon out of Charlotte, North Carolina. Later formed the Columbia office of Faulkner-Haynes, Inc. working to sell grilles/air distribution and heating and air conditioning equipment.

REGION IV-BEST REGION IN
THE ASHRAE SOCIETY



1993-94 ALLEN GOFF

Began his career with the James M. Pleasants Company selling hydronics and heating and air conditioning equipment. Later changed to Mechanical Contracting with SIFCO Mechanical, Inc. owned by his father. Allen works as project manger and serves as Vice President. Allen and his Dad are the first of two father and sons to lead the Chapter as President.

REGION IV-BEST REGION IN
THE ASHRAE SOCIETY

**ASHRAE CHAPTER
OF
SOUTH CAROLINA**



*Advancing HVAC&R to
serve humanity and promote
a sustainable world.*

[http://
southcarolina.ashraechapters.org/](http://southcarolina.ashraechapters.org/)



2013-14 SCHEDULE OF EVENTS

DATE	TIME	LOCATION	SPEAKER	TOPIC
Tues, Sept 16	5:30 PM	Jillians	Charlie Waddell	ASHRAE 62.1 IAQP to Reduce OA
Thurs, Oct 2	5:00 PM	Mill Creek Hunt Club	Joint MCA Meeting	Project Conception to Completion
Tues, Nov 18	5:30 PM	Jillians	Henry Slack	Climate Change
Tues, Jan 20	5:30 PM	Jillians	Jerry Sipes	Fundamentals of Displacement Vent.
Friday Jan 30th	5:30	Old Monticello Hunt Club	None	Research Promotion Fund Rasier
February	5:30 PM	River Rat	Refrigeration Night	Refrigeration Night
Tues, March 17	5:30 PM	Jillians	TBD	TBD
Tues, April 21	5:30 PM	Jillians	TBD	TBD
Tues, May 19	5:30 PM	Jillians	TBD	TBD
April 21	5:30	Jilians	TBD	TBD
				*Regional DRC

President	John Guignard	Hahn Mason	johng@hahnmason.com
Vice President	Colin Shropshire	WBG	colin@wbguimarin.com
Treasurer	Donny Pittman	MECA	drpittman@mecainc.com
Secretary	Tom Roebuck	TRS	tom.roebuck@trs-sesco.com
Membership	Trent Goodman	Hoffman-Hoffman	trent.goodman@hoffman.hoffman.com
CTTC	Michael Rushing	HBT	Michael.rushing@hbtech.biz
Research Promotion	Colin Shropshire	WBG	colin@wbguimarin.com
Student Activities	Michael Ribbich	JCI	Michael.l.ribbich@jci.com
YEA	Daniel Winders	JCI	Daniel.v.winders@jci.com
History	John Toney	Trane	jmtoney@trane.com
Director at Large	Blaine Walker	JBW	jbw@jblainewalker.com