



CRC is in Orlando!

Dear Region IV, the CRC in Orlando is coming up! All the information you need to know is available at the CRC website: <http://region12.ashraeregions.org/?page=crc&lang=en>

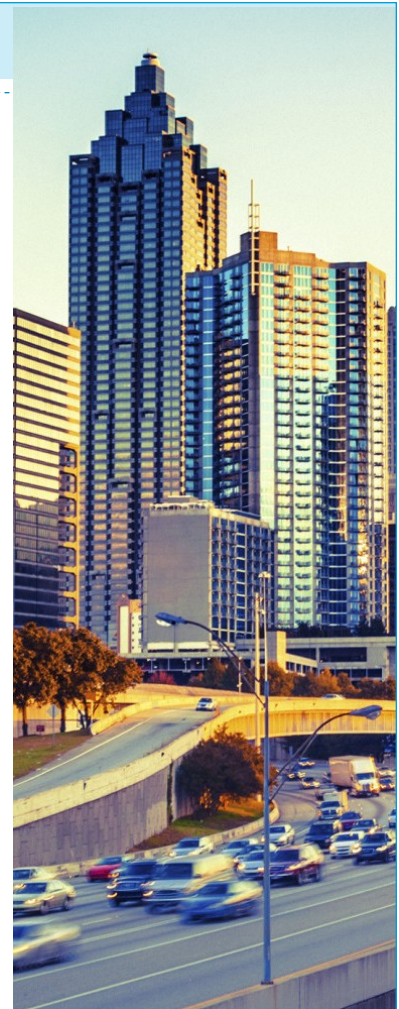
Be sure to plan ahead and register soon!



Keep in touch with the Region—update site and Facebook

Regional Website has had a face lift... www.region4.ashraeregions.org Several pages are still under construction but as they are refreshed, they will be replaced on the site. If you find links not working, please let me know so they can be corrected.

Also follow the new Facebook page! This can be found by searching under “pages” to find ASHRAE Region IV. Or at: https://www.facebook.com/ASHRAERegionIV/?ref=aymt_homepage_panel



INSIDE THIS ISSUE

Houston Meeting	2
Did you know?	2
Members Council	3
YEA.....	3
GGAC.....	3
CRC	4
Chapter Updates	4
Research Promotion.....	4
History.....	5
Membership	5
Upcoming Events.....	6

SPECIAL POINTS OF INTEREST

Make sure you're registered for the joint CRC!



Region IV

Did you know?

Air conditioning systems helped coin the term “Summer Blockbuster.” One of the first businesses to utilize air conditioning technology back in the early part of the twentieth century were movie theaters. In the 1930’s, patrons flocked to theaters to enjoy the films – but also to enjoy the cool air during summer months. Marketers took advantage of this trend and saved their big hits for summertime releases. Thus, the term “Summer Blockbuster” became a part of our vocabulary and going to the movies has never been cooler.



ASHRAE Announces Technical Program for Annual Conference, June 23 -27

The 2018 ASHRAE Annual Conference technical program will provide practitioners with topical, in-depth educational tracks to optimize the design and performance of buildings. The conference is June 23-27 in Houston.

The five-day event includes eight conference tracks, tours, social events and a keynote message from research scientist and author, Dr. Ainissa Ramirez on “Inspiring the Next Generation.” Additionally, 2018-19 ASHRAE President Shelia Hayter, Fellow ASHRAE, will present the Society theme for the coming year during the President’s Luncheon on Monday, June 25.

Registration is now open for the conference which takes place at the Hilton Americas-Houston Hotel and the George R. Brown Convention Center. Early bird registration ends April 30.

“The dynamic and innovative industry of HVAC&R is a reflection of our ever-changing individual, societal, and global constructs and demands,” Cindy Moreno, chair of the 2018 ASHRAE Annual Conference, said. “The 2018 Annual ASHRAE Conference aims to provide the setting for a meaningful exchange of knowledge and experience, and the technical program looks to enrich that exchange with a broad spectrum of topics and discussion. We welcome you to join us as we share ideas ranging from basic design fundamentals to specific applications and technologies.”

The need to achieve sustainable buildings in hot and humid climates calls for an understanding of the local climate, and integrating appropriate building technologies into the architectural and urban design. A new and anticipated track at this year’s conference, Residential – Modern Building in Hot and Humid Climates, will discuss how modern residential design and building practices can be integrated into hot and/or humid climates with specific challenges ranging from indoor comfort to ventilation and mold.

Another popular design track, District Energy and Cogeneration Plants, will address how the carbon footprint is being minimized by combining resources. This track takes a look at the advantages and limitations, do’s and don’ts and best practices of utilizing this type of shared system.

Conference Tracks include:

- HVAC&R Systems and Equipment
- Fundamentals and Applications
- District Energy and Cogeneration Plants
- HVAC & Resiliency: Safeguarding our World
- Residential – Modern Building in Hot and Humid Climates
- Professional Skills
- Research Summit
- HVAC&R Control Freaks
- HVAC&R Analytics



ASHRAE Learning Institute (ALI) will offer two full-day seminars and eight half-day courses. New courses include: Advance Design for Net Zero Buildings; Latest in High-Performance Dedicated Outdoor Air Systems (DOAS); Save 30% Complying with Standard 90.1-2013; and Principles and Practices of Thermal Energy Storage Systems for Air Conditioning.

Apply by June 5 to sit for one of six ASHRAE certification exams: Energy Auditing, Energy Modeling, Commissioning, Healthcare Facility Design, High- Performance Building Design and Building Operations.

At this year’s sixth annual Research Summit, an announcement will be made about an exciting collaboration with ASHRAE’s archival research publication, Science and Technology for the Built Environment (STBE).

Learn more and register for the 2018 ASHRAE Annual Conference at www.ashrae.org/houston.

GGAC Update

Region IV GGAC Chairs have been busy during 2018 with two Day on the Hill events completed, one in Georgia in February and one in South Carolina in March. Each was well attended and the reception from respected legislatures was positive.

The Atlanta Chapter's Day on the Hill event occurred during Nation Engineers Week where the Chapter obtained a Proclamation for Engineers Week from Governor Nathan Deal. Meghan Tosh orchestrated the events of this extremely successful ASHRAE event.

Atlanta Chapter Meeting with Governor Nathan Deal at his signing of the Proclamation for Engineers Week.

Hunter Wilson organized the March Day on the Hill and coordinated with the Charleston and Greenville Chapters so that each could participate.

South Carolina and Charleston Chapter Members Day on the Hill in Columbia S.C.

Adam Sipple of the Triangle Chapter is coordinating with Southern Piedmont, North Piedmont, and Greenville Chapters to participate in

a Day on the Hill in Raleigh, N.C. June 6, 2018. All North Carolina ASHRAE Members are invited to be involved and participate for this important Region IV GGAC Day. Adam also assisted in obtaining Proclamations for “Engineers Week” and “NC Energy Efficiency Week”



YEA Update

The YEA groups at our local chapters continue to thrive with technical tours and social events featuring breweries, factory visits, and even a festive round of axe throwing (thanks to Southern Piedmont!). If you are an ASHRAE member and 35 or younger, you are automatically a YEA member and we encourage you to get to know your fellow young engineers.

YEA Leadership Weekend events have wrapped up for the year, but we are currently planning the next East Coast event for the fall. Details will emerge soon, but it is expected to be held in October or November in Region I (NY, NJ, and New England). It is likely that Region IV will continue our tradition of sponsoring the one of our YEA members and covering the full cost of the seminar and travel. Applications will be sent out as soon as details are finalized!

**Jackson Willis
Region IV YEA**

Members Council Update

Just an update from Members Council,

I am working on the final details for the Regional Dinner on June 25th from 6:15-8:15PM in Houston. \$50/ person plus cash bar for alcohol

I do not have all the details as of this Newsletter, so I will post on our Regional Website later this week and on our New Face Book page.

Thanks all, see you soon,

**Please email me or call with
any questions or thoughts,**

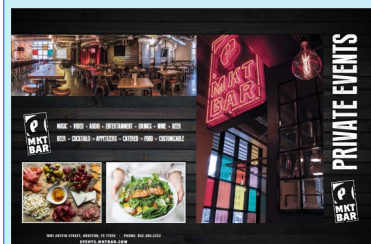
Thanks,

Steve Marek, PE

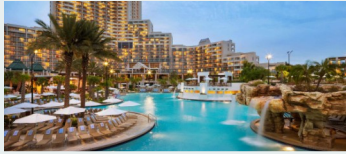
Region Members Council Representative

(843) 534-6264

Stevemarek.pe@gmail.com



Plan Ahead; Region IV 2018 CRC With Region XII



Region IV CRC for 2018 is a combination of Region IV and Region XII!

CRC will be August 8-11, 2018 in Orlando, FL at the Marriott Orlando World Center.

This event will be fun for the whole family! The World Center features 10 restaurants, 4 pools, sand volleyball, tennis, basketball, retail, golf, and a nightly laser show.

We will be near all of the other family attractions that Orlando has to offer.

Be on the look out for more information.



Chapter Updates

Atlanta

www.ashraeatlanta.org

Charleston

charlestonashraechapter.wildapricot.org

Greenville

www.ashrae4greenville.com

North Piedmont

www.northpiedmont.org

South Carolina

www.southcarolina.ashraechapters.org

This is a busy time for the SC Chapter. The SC ASHRAE Chapter has been busy the past few months. We held a joint meeting with the SC AIA. We had the pleasure of hosting 2 Distinguished Lectures, Tom Phoenix and Thomas Lawrence for our chapter programs. We welcomed members of the Charleston and Greenville chapters for the Day on the Hill on April 17th. Last Friday we held our community outreach by donating time to Harvest Hope food bank.

The SC Chapter would like to invite everyone to our headline event for raising money for ASHRAE Research. The Golf Tournament will be held at Woodlands country club May 11th with a 9am shotgun start. Registration at www.scashrae.clubexpress.com



Southern Piedmont www.spashrae.com

We just had our Annual Membership Appreciation event at Discovery Place Museum and it was successful. The Southern Piedmont Chapter had our Sustainability event on 4/21. We have an ASHRAE plaque in Freedom Park that represents ASHRAE and our commitment to our community. This is an amazing event and it was a beautiful day. We have our biggest RP Event of the year happening on May 16, 2018 at the Palisades Country Club. We look forward to a beautiful day on the course!



Triangle

www.triangleashrae.com

Research Promotion Update

It has been a great spring full of ASHRAE RP fundraising events in Region IV. We have hosted golf tournaments, skeet shoots, cornhole tournaments, and the list keeps going. Thank you all to the Region IV volunteers and contributors who have made our RP campaign such a success.

As you see we are at 57% of our regional goal with 2 months to go. Please continue to educate our industry on the importance of our RP campaign and let them know that their funds can go to ASHRAE Research projects, ASHRAE scholarships, ASHRAE Learning Institute Education opportunities, and Young Engineers in ASHRAE programs. We have a long way to go but know that it

has been done before and that we plan to meet goal and continue the tradition that has been set in Region IV with RP!

As always, keep up those fun, creative, and rewarding events that benefit our Region IV ASHRAE RP campaign!

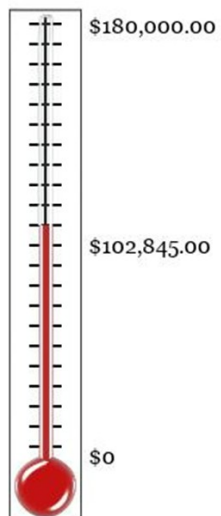
Please feel free to contact me with any questions, concerns, or comments.

Matt Rowe

ASHRAE Region IV RP RVC

(919) 244-8902

mattr@jmpco.com



Atlanta ASHRAE Meeting History

The Atlanta Chapter will be hosting the ASHRAE Winter Conference and ARI Equipment Exhibit January 12-16, 2019. Lots of help will be required from the Chapter and the Region. The last Winter Meeting which included the ARI equipment show was in 2001. We did have an Annual (summer) meeting here in Atlanta in June of 2015.

It takes approximately 200 volunteers for the Education Sessions and Seminars alone. Volunteer Session monitors receive free registration for this service and will earn PDH points if you need them, contact Ben Coe bcoe@syska.com .

In addition, we will need staff for the ASHRAE Members Lounge and Spouse Lounge, contact Charles Miltiades, Hospi-

tality Chair charles-miltiades@gmail.com .

Peggy Fritz pif41@att.net or Caroline Calloway caroline@callowayes.com or Pam Immekus pamimmekus@gmail.com for Tours, which will require a Host Committee Member on each bus.

Info-Publicity Sarah Young syoung@dlbassociates.com to staff the table in ASHRAE Registration. This committee will answer questions and to give out material on what the city has to offer including a list of churches, restaurants and attractions.

If you are interested in volunteering please contact the appropriate Committee Chair.



Have an event to publicize or information to distribute? Be sure to submit it for the next newsletter!

Membership Update

Per the spreadsheet our region growth negative. I am very much confident that the negative growth will go away within coming months. We have only three months till end of the year.

I would like you to do following activities this month:

Calling campaign for getting new members.

Calling campaign for reducing members delinquent list. Your list is small. With the help of your membership committee, you can reduce the list.

Let me know when will be your Chapter Membership promotion night for this year. Please note that you require to have two membership promotion night within society year.

If your chapter appointed MP Co-Chair/ Vice chair, please send me their contact

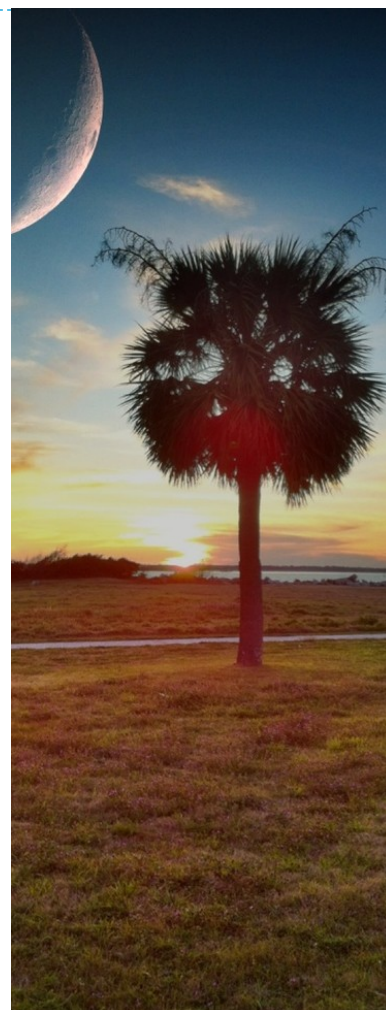
information with email address.

I would like thanks following chapters:

- Greenville Chapter for reducing delinquent list.
- Charleston Chapter for increasing new membership enrollment.
- Greenville Chapter for reducing cancellation list.
- Triangle Chapter for maintaining growth
- Triangle Chapter for Highest PAOE points.

If you have any question, please feel free to call me at my cell (404)-803-6464. I am here to help you.

Samir Sheth
Region IV DRC



Chapter	Begin of society year	End of current month	Unpaid	Del	New Mem	Cancels	Net Growth	Net Growth Rank	Transfers	PAOE Points	PAOE Rank
ATLANTA	991	996	78	25	93	106	-13	2	18	995	2
CHARLESTON	132	133	9	5	15	23	-8	7	9	400	6
GREENVILLE	171	170	3	0	7	10	-3	4	2	200	7
NORTH PIEDMONT	176	177	3	1	10	18	-8	5	9	525	4
SOUTH CAROLINA	147	145	12	0	9	11	-2	3	0	405	5
SOUTHERN PIEDMONT	360	356	25	11	21	42	-21	6	17	660	3
TRIANGLE	447	453	28	5	38	32	6	1	0	1055	1



Want to know more, get involved or share something with us?

Be sure to visit the Region IV website at www.region4.ashraeregions.org/index.html for contact information for all of the Region leaders. We'd love to hear from you!

Learn more about ASHRAE at the Society website www.ASHRAE.org

Want to add something to the newsletter? Contact Kim Pierson at kpieron@cromwell.com



Upcoming Events

The Mechanical Electrical Electronic Technology (MEET) Show, May 2–3, Moncton, New Brunswick, Canada.

AHRI Spring Meeting, May 7 – 9, Baltimore. Air-Conditioning, Heating, & Refrigeration Institute

Lightfair International, May 8 – 10, Chicago.

AIHce 2018, May 21 – 23, Philadelphia. American Industrial Hygiene

Roomvent Ventilation, June 2 – 5, Espoo, Finland. Endorsed by ASHRAE.

ASHE Annual Conference & Technical Exhibition, June 15 – 18, Seattle. American Society for Healthcare Engineering

Gustav Lorentzen Conference on Natural Refrigerants, June 18 – 20, Valencia, Spain.

AIA Conference on Architecture, June 21 – 23, New York. American Institute of Architects

2018 Purdue Compressor/Refrigeration and Air Conditioning and High Performance Buildings Conferences and Short Courses, July 9 – 12, West Lafayette, Ind.

Indoor Air 2018, July 22 – 27, Philadelphia. www.indoorair2018.org.

The 16th International Heat Transfer Conference, Aug. 10 – 15, Beijing, China. Heat and Mass Transfer Society of China

ACEEE Summer Study on Energy Efficiency in Buildings, Aug. 12 – 17, Pacific Grove, Calif. American Council for an Energy-Efficient Economy

Electrification 2018 International Conference & Exposition, Aug. 20-23, Long Beach, Calif.

Energy Exchange and Better Buildings Summit 2018, Aug. 21 – 23, Cleveland, Ohio.

Regional Leadership

Regional Director and Region Chair—Billy Austin

Assistant Regional Chair—Steve Marek

Treasurer—Randy Jones

Regional Vice-Chairs:

Members Council Representative—Steve Marek

Chapter Technology Transfer—Chris Adams

History—Pamela Immekus

Membership—Samir Sheth

Research Promotion—Matt Rowe

Grassroots Government Activities—

Tim Ashby

Student Activities—Adam Parker

Young Engineers in ASHRAE -

Jackson Willis

Nominating Committee:

Regional Member—Charlie Curlin, Jr

Webmaster—Heather Platt

