November Newsletter 2018

ASHRAE Atlanta Chapter

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This Atlanta Chapter Newsletter goes by email only to all Atlanta Chapter ASHRAE members along with all other ASHRAE members in our area and anyone else who asks. If you need a change in our email list, please notify our Chapter Secretary at secretary@ashraeatlanta.org
President’s Message

November 2018

October was a great month of events for our ASHRAE Atlanta Chapter. We had another great turnout for the October meeting that brought in over 75 people. Special thanks to Barry Abramson for his informative presentation, “Introducing Standard 211-2018: ASHRAE’s First Standard for Commercial Building Energy Audits”. We also had our annual Fall golf tournament at River Pines Golf course. A big thank you to all the teams & sponsors that made this event a great success.

Now that we are feeling the change in weather, we also will have a change in location & time for the November meeting which will be held at Maggiano’s (Cumberland Mall location). You will have an opportunity to enjoy Happy Hour & network with other professionals in our industries. We are still looking for a sponsor ($500) for the November meeting. Your contributions go a long way in helping our Atlanta Chapter provide interesting meeting, scheduling other event’s & reaching our goal. Being a sponsor at any of our events will get your company logo on our website, newsletter, a big thank before the meeting & an opportunity to set up a table in front to greet guess as they come in. If you are interested, please be sure to reach out to me prior to the meeting.

Remember to bring a friend to the next meeting, especially those that have not attended in a while. Having a well-attended meeting always make it more interesting with the different point of view from varies occupations in our industry.

I would like to reach out to those contractors that are involved in school projects, multi-use facilities and hospital work. We are planning a round table discussion on the challenges we face during design and construction. It has been a while since this type of meeting has been held and I believe we are due for one.

As always, your feedback is important to me and it is essential in making this year successful. We want to provide exciting and beneficial meeting topics, opportunities for growth, and the support each individual requires. I look forward to chatting with you at our next chapter meeting!

Irvin G. Sierra
Atlanta Chapter President 2018-2019
president@ashraeatlanta.org
www.ashraeatlanta.org
Protecting the Health, Safety, and Welfare of the Public: Engineering and Government

We’ll learn how ASHRAE members can contribute their expertise to support public policy, and how public policy affects the work we do. After an overview of ASHRAE’s Government Affairs Committee, three speakers will share their experiences at the state and city level, from the perspective of both regulators and practitioners:

- Ryan Taylor, AIA – the Georgia code adoption and amendment process
- Stan Everett, PE – an engineer’s experience on the State Codes Advisory Committee, sub-committees, and task forces
- Kate Taber – implementation of Atlanta’s Commercial Buildings Energy Efficiency Ordinance (CBEEO) and the role of engineers, and other Office of Resilience initiatives.

Speaker: Ryan Taylor, AIA

Ryan Taylor is a registered architect. In 2002, he left one of the world’s largest commercial A|E practices to found Ryan Taylor Architects, LLC. Ryan is active in community, legislative and building code issues. He serves as the appointed representative of Georgia architects in the adoption and amendment of state building codes. He’s also an appointed member of the American Institute of Architects National Codes & Standards Committee. In addition to his skill set as an architect, Ryan is also a certified HERS Rater, an HVAC designer and a Certified Distance Education Instructor. Ryan is frequently invited to speak at community and industry events and his comments have been widely published. The work of RTA includes projects in the United States, the Caribbean and Africa.
Speaker: Kate Taber

Kate is the Clean Energy Programs Associate for the City of Atlanta Mayor’s Office of Resilience, working on energy efficiency and renewable energy policies and projects both at the municipal and city-wide level. Kate primarily works on the implementation of the City’s Commercial Buildings Energy Efficiency Ordinance by conducting educational outreach, assisting building owners, and tracking compliance. Kate also assists with various other projects such as Solar Atlanta, the Atlanta Better Buildings Challenge, and the Sustainable Building Ordinance. Kate has a background in environmental economics and public policy.

Speaker: Stan Everett, PE

Stan is the Managing Principal for Southeast Operations at Salas O’Brien. He also serves the Georgia Department of Consumer Affairs as the Mechanical Engineering representative on the State Codes Advisory Committee. During his 40+ years of experience, he has worked on a wide variety of special project types including co-generation, geo-thermal, central energy plants, laboratory air pressures/circulation, and critical load applications such as data and telecommunication centers. In addition to in-depth experience in building mechanical systems, he has achieved national recognition for his expertise in smoke control and energy recovery/conservation and has served as an expert witness in the field of mechanical engineering.

Robert Lontoc
Programs Chair, Atlanta Chapter
rlontoc@newcomb-boyd.com
Chapter Meeting

Macon ASHRAE Section

**When:** TBD

**Where:** Mingledorffs, Macon, GA

**Registration:** RSVP to ccalloway@aerco.com

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**Caroline Calloway**
Macon Section Chair, Atlanta Chapter
ccalloway@aerco.com
Chapter Calendar

2018

November

November 13, 2018 – November Board of Governor’s & Chapter Meetings

December

December 06, 2018 – Red & Green Scene

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Government Affairs Committee

The Government Affairs Committee is responsible for organizing ASHRAE members to educate local, state, provincial, and national government bodies and officials in areas of interest to ASHRAE members, and to promote effective cooperation between ASHRAE members and government.

Atlanta Member Survey
Do you want to take an active role in local ASHRAE advocacy? Do you know of a local issue where ASHRAE expertise is needed? Join GAC - take our member survey for the 2018-2019 Society Year:
https://www.surveymonkey.com/r/8VSL8QR

November Chapter Meeting to Focus on Engineering and Government
November’s dinner meeting on Tuesday, November 13th, will focus on how ASHRAE member can contribute their expertise to support public policy, and how public policy affects the work we do. After an overview of ASHRAE’s Government Affairs Committee, speakers will share their experiences at the state and city level, from the perspective of both regulators and practitioners.

Georgia Government Affairs
General Election – Early Voting Now Open
General Elections will be held on Tuesday, November 6th for all major state executive branch positions (like Governor) and federal and state legislators, in addition to local positions. Early voting began on Monday, October 15th, and will continue through Saturday, November 2nd. Visit the Georgia My Voter Page for early voting locations, election day voting locations, and sample ballots: https://www.mvp.sos.ga.gov/MVP/mvp.do

International Reports on Impacts of and Responses to Climate Change
On October 6, the Intergovernmental Panel on Climate Change approved a special report entitled "Global Warming of 1.5°C." This report assesses the impacts of global warming of 1.5°C above pre-industrial levels, and how those impacts would change if global warming increased instead to 2°C.

Under the Paris Agreement, countries committed to "Holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels."

The IPCC report found significant differences between the impacts of global warming of 1.5°C compared with 2°C, including extreme weather events, sea level rise, and the irreversible loss of ecosystems such as coral reefs.

The report also explained the difficulties of limiting global warming to 1.5°C: "The report finds that limiting global warming to 1.5°C would require "rapid and far-reaching" transitions in land, energy, industry, buildings, transport, and cities. Global net human-caused emissions of carbon dioxide (CO2) would need to fall by about 45 percent from 2010 levels by 2030, reaching 'net zero' around 2050. This means that any remaining emissions would need to be balanced by removing CO2 from the air."

The full report can be found here: http://www.ipcc.ch/report/sr15/

On October 19, the International Energy Agency released Energy Efficiency 2018 which examines the opportunities for improving global energy efficiency to 2040, and finds that efficiency gains alone could allow the world to extract twice as much economic value from the energy it uses compared to today. Doing so would reduce energy bills for consumers by more than $500 billion dollars per year, lower energy imports and cut air pollution in cities – a key issue for many countries.

The report sets out a vision for 2040 with 60% more building space and 20% more people, and double global GDP, while using only marginally more energy than today and cutting greenhouse gas emissions by 12%. Delivering this vision requires an immediate step up in policy action. For example, countries would need to continue to push up the efficiency of both cars and trucks, building on the progress made in recent years.

The full report can be found here: https://www.iea.org/efficiency2018/

ASHRAE’s Government Affairs Update – Beyond Georgia

Subscribe to receive ASHRAE’s biweekly email digest with government affairs updates from around the US: https://www.ashrae.org/about/government-affairs/government-affairs-updates

Meghan McNulty
Grassroots and Government Activities Chair, Atlanta Chapter
Meghan.mcnulty@servidyne.com
ASHRAE Winter Conference Volunteers Needed!

We are about to embark on an ASHRAE Winter Meeting in January 12 – 19 of 2019 here in Atlanta. Lots of help will be needed from the Chapter and Region. The last Winter Meeting which includes the ARI equipment show was in 2001. We did have an Annual (Summer) meeting here in Atlanta in 2015.

It takes approximately 200 volunteers for the Education Sessions and Seminars alone. Volunteer Session monitors receive free registration for this four hour service and the earn PDH points for sessions attended. Contact Ben Coe bcoe@syska.com or MattR@jmpco.com.

In addition, we will need staff for the ASHRAE Members Lounge and Spouse Lounge; a person on the bus for each of the Tours, and staff for a table in ASHRAE Registration for Hospitality to answer questions and to give out material on what the city has to offer including a list of churches, restaurants and attractions.

There are social events planned as well. The Plenary Session on Saturday afternoon with a keynote speaker and awards presentations, a Welcome Party at the Atlanta History Museum which will need ticket takers and takes place on Saturday evening, the President’s Luncheon on Monday and Members Night Out on Tuesday evening. The tours will begin on Sunday and end on Wednesday morning. See the ASHRAE.org website for details.

Past Atlanta meetings were held in 1978, 1984, 1990, 1996, 2001, and 2015. Below is the 2019 Atlanta meeting committee. If you are interested in volunteering please contact one of the following committee members:

**2018—** Sarah Young – General Chair syoung@DLBASSOCIATES.com
Meghan McNulty - Vice Chair Meghan.mcnulty@servidyne.com
Caroline Calloway & Peggy Fritz – Tours ccalloway@bellsouth.net or pjf41@att.net
Ben Coe & Matt Rowe – Sessions Co-Chairs bcoe@syska.com or MattR@jmpco.com
Charles Miliadis – Hospitality cmiliadases@hvaccma.com
Pam Immekus – Entertainment Events pam@leppardjohnson.com
Sarah Young – Information/Publicity

Attention Atlanta and Region IV ASHRAE Members! Special Limited Time Offer!

Would you like to get complimentary full registration for the huge upcoming ASHRAE Winter Meeting to be held here in Atlanta in January 2019?? Then sign up now to be a session monitor. The commitment is simple– approximately 3-5 hours of your time to represent our chapter by checking conference attendees in at the educational sessions (you know the folks who scan your badge as you enter the room!). You get to attend and get PDH credit for the sessions that you monitor and interact with attendees for all over the world. This is over a $500 value (that’s over 100$/hr. for the math challenged!).

If interested or questions - please contact BEN COE at bcoe@syska.com. Sign up before September 1 when this offer will be opened up to other chapters and members. You get first “dibs” as the host chapter.

Samir Sheth
Historian Chair, Atlanta Chapter
ssheth@itsmart.a.com
Are you under 35? Welcome to Young Engineers of ASHRAE! We have multiple activities throughout the year, plus access to training and leadership programs!

**ASHRAE Technical Committees**

ASHRAE Technical Committees are not just for design managers! If you are interested in getting involved in a TC committee to learn more about this industry and help shape the future ASHRAE guidelines, they are looking for YEA members.

Thanks to Enervex for sponsoring the first #ashraeyea brewery tour of the chapter year! We had a great turnout!

Please contact Amber Scales (ascales@newcomb-boyd.com) for more information on how to get involved.

**Amber Scales**

YEA Chair, Atlanta Chapter

ascales@newcomb-boyd.com
And they’re off!! 2018 Fall RP Golf Outing, River Pines Golf Club in Johns Creek, GA

Thanks to all our sponsors who helped make today’s golf tournament a success
Darrell Sandlin and Patrick O’Connor working Membership Promotion at the #1 Tee box during the 2018 Fall RP Golf Outing, River Pines Golf Club in Johns Creek, GA

Brendan Gardes
MP Chair, Atlanta Chapter
membership@ashraeatlanta.org
October 18, At University of Georgia, Gabe Park explains the design process for new construction with a focus on the HVAC Systems to the UGA ASHRAE Student Chapter.

Darrell Sandlin explained membership levels to the student chapter members, with a focus on the Smart Start Membership opportunity, and invited the chapter to join us at the Atlanta chapter meeting in November at Maggiano’s.

18 UGA Student chapter members listening to Gabe Park, Student Activity’s Chair. Thank You to Dr. Lawrence for inviting us today!
Student Activities

Join ASHRAE Atlanta, AIA Atlanta, ASID Georgia, CSI Atlanta, IIDA Georgia and USGBC Georgia for our annual holiday celebration!
Hosted this year at the Woodruff Art Center’s Galleria, Red & Green Scene will be an exciting evening of fellowship, drinks, a delectable dessert bar and great music.
Red & Green Scene also serves as a charity initiative in support of Sustainable Design Collaborative Atlanta, and a toy drive for Toys for Tots.

https://www.redandgreenscene.com/

Red & Green Scene
ASHRAE Learning Institute

A BLACK AND WHITE AFFAIR
THURSDAY, DECEMBER 6, 2018
WOODRUFF ARTS CENTER GALLERIA
Online Instructor-Led Courses

$284 ($219 ASHRAE Member)
Two-part courses: $484 ($359 ASHRAE Member)

All courses are archived for a period of time after their initial presentation. Receive a 10% discount on the PDF format of the Recommended Reference. (Discount is included in item prices on registration form.)

2018 Online Course Series:

- $284 non-member / $219 member (Two-part courses: $484 non-member / $359 member)
- Earn 3-6 PDHs
- See course listing
- Register five or more and Save!

Click Here to Register Today!
HVAC Design and Operation Training:

- 3 courses, 7 days of instruction
- Improving Existing Building Operation $599 non-member / $499 member
- Level I - Essentials $1,264 non-member / $1,009 member
- Level II - Applications $854 non-member / $699 member
- World-wide HVAC training available, view training schedule
- Register early and Save!
Scholarships Available - Apply Today!

Through its scholarships, ASHRAE seeks to motivate students and prospective students worldwide to pursue an engineering or technology career in the HVAC&R field. The Society’s Scholarship Program also serves the public interest by aiding in the education of men and women to become qualified to practice as engineers in HVAC&R. ASHRAE has 28 scholarships available for the 2018-19 school year, for high school seniors entering college through senior undergraduate engineering students and engineering technology students. ASHRAE is seeking your assistance in making student members aware of this financial assistance.

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<thead>
<tr>
<th>City</th>
<th>Level I</th>
<th>Level II</th>
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<tbody>
<tr>
<td>Washington, DC</td>
<td>September 10–12, 2018</td>
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<tr>
<td>Denver, CO</td>
<td>September 24–26, 2018</td>
<td>September 27–28, 2019</td>
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<tr>
<td>Minneapolis, MN</td>
<td>October 15–17, 2018</td>
<td>October 18–19, 2018</td>
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<td>Atlanta, GA</td>
<td>November 12–14, 2018</td>
<td>November 15–16, 2018</td>
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<tr>
<td>Las Vegas, NV</td>
<td>February 18–20, 2019</td>
<td>February 21–22, 2019</td>
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<tr>
<td>Hartford, CT</td>
<td>March 11–13, 2019</td>
<td>March 14–16, 2019</td>
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<td>Atlanta, GA</td>
<td>April 15–17, 2019</td>
<td>April 18–19, 2019</td>
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<td>Toronto, ON</td>
<td>May 20–22, 2019</td>
<td>May 23–24, 2019</td>
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<tr>
<td>Vancouver, BC</td>
<td>June 10–12, 2019</td>
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* 8 regional/chapter and university-specific scholarships — $3,000 to $5,000 each. Now accepting applications!
* 12 undergraduate engineering scholarships — $3,000 to $10,000 each. Now accepting applications!
* 4 high school senior scholarships — $3,000 each
* 4 engineering technology scholarships — $5,000 each

Qualified students are encouraged to apply online:
www.ashrae.org/scholarships

Annual Application Deadlines:
May 1st for Engineering Technology and High School Senior Scholarships

Scholarships are awarded for the academic year following the application deadline beginning with the fall semester. For a list of available scholarships, complete eligibility requirements, and an application, visit www.ashrae.org/scholarships
Are you missing out?

Don’t miss out on the latest ASHRAE publications! For more information, visit the Resources and Publications page:

www.ashrae.org/resources-publications
How to Join ASHRAE

1. Visit [http://www.ashraeatlanta.org/](http://www.ashraeatlanta.org/) to start the process

2. Click “Membership” on the horizontal menu bar

3. On the pull down menu, click “Join”

4. Enter your email address in the box “Verify your E-mail status”

5. A prospective member will then be directed to enter his or her email information. As a new member, your address will not be recognized, and you will be invited to “Register Now”.

6. After you complete registration, you will be directed to the Individual Information page where you can finally select “Join ASHRAE”!
Convenient and Useful ASHRAE Links

1. RSVP and prepay for each event through the Atlanta ASHRAE [http://www.ashraeatlanta.org/](http://www.ashraeatlanta.org/). For events where meals are served, you must at least RSVP to ensure that there will be a meal for you. We encourage you to prepay, as this will speed your way through the check-in process.

2. Pay your Chapter dues of $40 per year directly to the chapter: [http://www.ashraeatlanta.org/Membership](http://www.ashraeatlanta.org/Membership). These dues are in addition to your Society dues and help fund the Chapter’s programs and outreach.

3. Donate to ASHRAE Research Promotion. We have a fundraising goal of $48,000 this year, so please do what you can to help fund ASHRAE research. Donate here: [https://xp20.ashrae.org/secure/researchpromotion/rp.html](https://xp20.ashrae.org/secure/researchpromotion/rp.html)


5. Like the “ASHRAE Atlanta Chapter” page on FaceBook at: [https://www.facebook.com/ASHRAEAthlanta/](https://www.facebook.com/ASHRAEAthlanta/)

6. Access the Product Directory online at the Atlanta ASHRAE website. Please note that this feature is in the process of being updated.
Chapter Officers

2018-2019 Chapter Officers

Irvin Sierra – President
president@ashraeatlanta.org

Irvin is currently a Commercial Engineer Manager with Lennox Industries for the greater Atlanta area. He received his Bachelor of Science degree in Mechanical Engineering Technology from Wentworth Institute of Technology in Boston, MA. Irvin started his career in HVAC as a consulting engineer and moved into HVAC sales in 2003. He relocated to Atlanta with his family in 2005 and has been a volunteer with ASHRAE for several years and organized the ASHRAE Atlanta Trade Show (2 years). He has held positions of Communications Chair, Student Activities Chair and is currently the Chapter Secretary.

Parker Brunelle – Vice President
vicepresident@ashraeatlanta.org

Parker is currently a Mechanical Sales Engineer with Joe Powell and Associates for North Georgia. He received his Bachelor of Science degree in Mechanical Engineering from Florida State University in Tallahassee, FL. Prior to Parker’s professional engineering career, he played professional baseball in the Boston Red Sox organization. He started his professional engineering career as a consulting engineer in the Nuclear Power generation field. In 2015, Parker changed fields to the HVAC sales engineering field with JPA. He has been a member of the Atlanta ASHRAE Chapter for two years and has been the YEA chair for the past two years, and is currently the Chapter Secretary.

Pedro Pacheco – Treasurer
treasurer@ashraeatlanta.org

Pedro is currently a Specifications Designer with Building Systems Design, Inc. (BSD SpecLink) for the greater Atlanta area. He received his Bachelor of Science Degree in Mechanical Engineering from the Polytechnic University in San Juan, PR. Pedro started in HVAC as a controls engineer within the pharma, laboratory, healthcare, and manufacturing fields. Pedro holds a PE license in various states, LEED-AP credential, and participates in the Atlanta Chapter of the Construction Standards Institute (CSI). In 2017, Pedro went into developing Division 25 (Integrated Automation) specification content per CSI’s MasterFormat as a way to consolidate and ease existing HVAC controls means and methods currently listed under Division 23. He has been an ASHRAE member since 1999, joining the Atlanta Chapter on 2003, held various Chapter level positions since 2010 including Board of Governors, Membership Promotion Chair, Administrator, Refrigeration Co-Chair, Technology Transfer Co-Chair, Secretary, and this year as Treasurer.

Matthew Mumpower – Secretary
secretary@ashraeatlanta.org

Matthew Mumpower is currently the ASHRAE Atlanta Chapter Secretary, and is a seasoned mechanical engineer with over 12 years’ experience in HVAC consulting engineering industry for large scale commercial buildings. His project experience has included healthcare, laboratories, mission critical data centers, higher education in addition to other challenging projects. Matthew is proficient in detailed commercial building information modeling (BIM), energy analysis, CFD calculations and Mechanical/HVAC, Plumbing and Fire Protection system design. He focuses design efforts to achieve energy efficiency, reliability and flexibility, with an emphasis of life safety. Bachelor of Science Mechanical Engineering - North Carolina State University. Professional Engineer: Georgia, North Carolina
Job Opportunities

Browse Job Postings on Our Site

Did you know employers can post job opportunities on the Atlanta Chapter website for **FREE**?

As the professional society that serves as the major connection through all parts of the HVAC industry, it is important to the Atlanta ASHRAE Chapter to keep all members employed. Likewise, we are happy to assist employers in posting their job opportunities.

Go to the following page on our site to browse the posted employment opportunities:

[http://ashraeatlanta.org/JobOpportunities](http://ashraeatlanta.org/JobOpportunities)
Keep Up-to-date With What’s Going On

Sarah Young, our Communications Chair invites you to connect with the ASHRAE Atlanta Chapter on networking social media

www.facebook.com/ASHRAEAtlanta

@ashraeatlanta

www.linkedin.com/groups/ASHRAE-Atlanta-Chapter-2186496

Sarah Young
Electronic Communications Chair, Atlanta Chapter
syoung@dlbassociates.com