

The Lowcountry's Finest

The Charleston Chapter #113 of ASHRAE Newsletter

March 2023

www.charlestonashraechapter.wildapricot.org/



Speaker: Andy Hayes

Topic: All Things Air

Date: Tuesday, March 14th

Time: 6:00 PM—7:00 PM(EST)

Cost: Dinner Only - \$25.00

Dinner and Bar - \$30.00

Location: Omar Shrine Temple

176 Patriots Point Rd.

Mt. Pleasant, SC 29464

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Speaker Bio:



Andy Hayes has over 15 years' experience in various HVAC roles and industries. His career has covered a wide range of development and leadership positions in hydronic heating and cooling, as well as refrigerant-based air conditioning.

Andy has a strong foundation in heat transfer and fluid dynamics, holding a Master's of Science in mechanical engineering from the Rochester Institute of Technology. Andy is a Sales Engineer with Hahn Mason Air Systems, Inc.

Andy will be presenting on all things air, covering physical and thermodynamic properties and how to effectively apply them.

Previous Speaker:



Jesse Erbel is the ICF Program Manager for Dominion Energy South Carolina's *EnergyWise for Your Business* Program. He is also a member of the Charleston Chapter of ASHRAE.

Jesse gave an electric presentation in January on rebate opportunities for energy-saving projects! Jesse has worked with energy efficiency programs across the country for Dominion Energy South Carolina, San Diego Gas and Electric, Georgia Power, and the Tennessee Valley Authority.

Chapter Officers

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Charleston ASHRAE members attending the Engineer's Joint Banquet (from left to right: Charles Hipp, Mike Liddle, Kenan Geren, Pete Conroy, Kyle Grimm, Darko Matore, Randy Jones).

ASHRAE's Mission & Vision

Mission: To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.

Vision: A healthy and sustainable built environment for all.

President's Message

Please come join us on March 14th for a dinner meeting at The Omar Shrine Club to hear Mr. Hayes speak on the properties of air. We will also be discussing important upcoming events, a particularly notable event being the ASHRAE Spring golf outing.

Thank you to everyone who joined us for our January events! The Charleston Chapter of ASHRAE saw a very successful YEA event in December, and is looking to have another event in April. As always, we are especially happy to welcome new members to ASHRAE. If you know anyone that may be interested, reach out to them and bring them along to meetings or events.

Following the turn of the new year, the Charleston Chapter of ASHRAE has become active on LinkedIn. A huge shout out to Bruno for enhancing our digital presence — we are eager to use LinkedIn as a complementary tool to aid in the chapter's growth. In other news, we recently filled our student's activities and Savannah chairs. We will be formally announcing new leadership on the website, LinkedIn page, and upcoming newsletters.

We look forward to seeing you at our upcoming meeting!

Government Affairs

For those of you working on Federal Projects:

On November 29, ASHRAE President Mick Schwedler wrote to Secretary Cardona of the U.S. Department of Education to request the department update the edition of the ASHRAE Energy Conservation Standard referenced in the Code of Federal Regulations governing direct grant programs carried out by the Department of Education (34 CFR § 75.616). The regulation currently references ASHRAE 90-1980, 90-1975, and 90-1977. The letter urges the Secretary to instead reference the latest standard published in 2019, ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except for Low-Rise Residential Buildings. Compared to a building built using ASHRAE Standard 90.1-1985, a building built to ASHRAE Standard 90.1-2019 will use less than half the energy. Updating the standard referenced in the CFR to the 2019 version will support school facility improvements based on the latest and best information available. This change will also result in significantly reduced energy costs and environmental emissions.

This is just one example of ASHRAE's work with lawmakers and policy officials to keep the latest standards in building codes. The Grassroots efforts of ASHRAE start in the local chapters with each member. You DO make a difference!

Government Affairs Committee Chair

Young Engineers in ASHRAE

To ensure a bright future for ASHRAE and the industry, the Young Engineers in ASHRAE (YEA) Committee was developed to create programs and develop a path for our young professional members. Any current ASHRAE Affiliate, Associate or Member who is 35 years of age or younger is considered a YEA member, and automatically has a wide variety of programs, events, and opportunities at their fingertips! Please reach out to Jacob Shepherd if you are interested!





Calendar of Events

JAN, 2022	<p>Speaker: Jesse Erbel</p> <p>Location/Time: Omar's Shrine Temple @ 6:00 PM</p> <p>Research Promotion Recognition Night — Thanks to all who contributed!</p>
FEB, 2023	<p>No meeting this month.</p> <p>Engineer 's Week Banquet</p> <p>Location: The Citadel</p> <p>Date/Time: February 21st @ 6:00 PM</p>
MAR, 2023	<p>Speaker: Andy Hayes</p> <p>Location: Omar's Shrine Temple</p> <p>Date/Time: March 14th @ 6:00 PM</p>
APRIL, 2023	<p>Speaker: TBD</p> <p>Location: Omar's Shrine Temple</p> <p>Date/Time: April 11th @ 6:00 PM</p> <p>Stingray's Game & Tour</p> <p>Location: Stingray Arena — 5001 Coliseum Drive</p> <p>Date/Time: April 12th</p> <p>Location/Time: Legend Oaks Shotgun Start @ 8:30 AM</p>
MAY, 2023	<p>ASHRAE Golf Outing</p> <p>Information to be finalized and announced at upcoming meetings. Tentatively May 12th at Legend Oaks with an 8:30 AM shotgun start! Put it on your calendars!</p>