



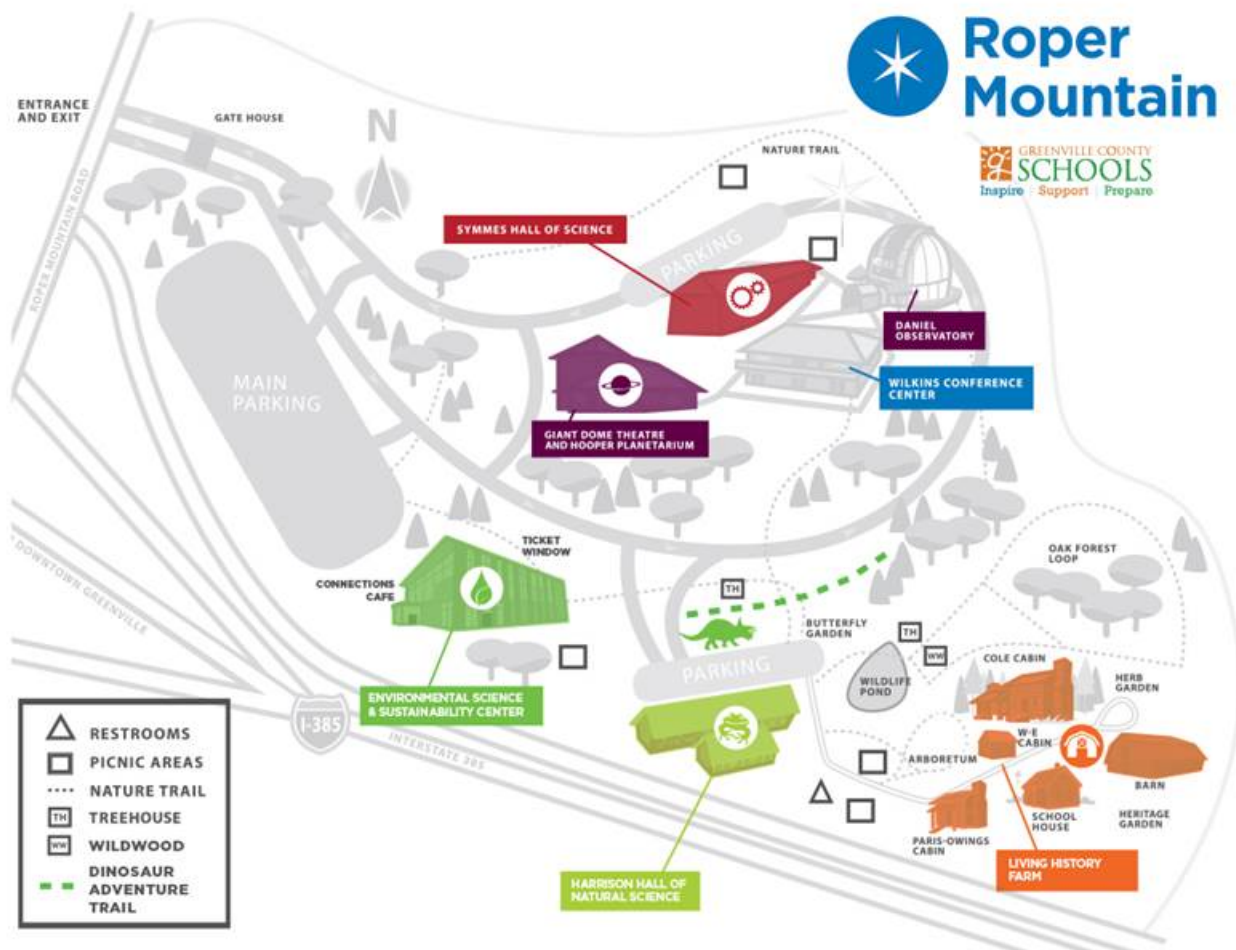
Giga-Joule

January 2022

Meeting Announcement

Psychrometrics 101 How to Read a Psychrometric Chart

The Greenville Chapter meeting will be held on **Tuesday, 2/8/22, at 11:50 am**. Please note we have returned to the Roper Mountain Science Center Wilkins Conference Center – 402 Roper Mountain Road, Greenville, SC 29615, for our meeting location. The Conference Center is located at the top of the mountain after entering from Roper Mountain Rd (see map below).



A Message from the President

We hope that you all enjoyed the start to our FY-2022 ASHRAE year. Thank you to those who attended last month's meeting both virtually and in person. Hopefully you enjoyed the addition of our Owl Camera to broadcast the meeting in a more interactive fashion to those joining remotely. We hope that this has enhanced our offering to the chapter and allows those that are not normally able to attend to join us virtually.



If there is something that we as a ASHRAE Greenville Chapter Board can do to enhance our service of Chapter Members, please do not hesitate to reach out to me or another board member (see list of board contacts & areas of service on page 4). Please also know that we are always actively looking for those that would like to volunteer to serve on the board and help steer our future direction.

We hope to see you (virtually or in person) for this month's meeting!

Ryan Tonnsen
tonnsenr@cxconsultants.com
864-395-9012

Chapter Technology Transfer Committee *Bill Knight & Tigie Garick*



Ladies & Gentlemen,

Our chapter technology transfer committee would like to invite you back to all IN PERSON meetings for 2021! This year we will be using Stax Catering for our meals. As always, *we are looking for meeting speakers and sponsors* as well as volunteers to serve on the BOG and our many committees. Please don't hesitate to reach out to either of us with meeting ideas as well as any questions or concerns. Thank you in advance for your support of our chapter, and we look forward to seeing you next week!

We will be meeting in Greenville on February 8, 2022 at Roper Mountain Science Center, Wilkins Conference Center – 402 Roper Mountain Road, Greenville, SC 29615. We will start serving lunch at noon, with a program on air distribution designs and practices using textile air dispersion products.

Please RSVP by 9AM Monday, February 7, 2022

If you have any questions, contact:

Ryan Tonnsen 864-395-9012 or tonnsenr@cxconsultants.com

Cost: **Lunch Program:** **\$15 at door for chapter member (catered lunch)**
\$20 for non-chapter member (catered lunch)
\$10 for virtual attendance (lunch not included)

Education Credit: **This Seminar qualifies for 1.0 PDH each (including NC PE).**

February Meeting

Psychrometrics 101

How to read a Psychrometric Chart



Mr. Tony Mormino

Tony Mormino has led an impressive career as an HVAC Sales Engineer and HVAC Rep Firm Owner in his 25 years working in the HVAC industry. In 1997, he graduated with an engineering degree from the University of Florida. Tony and his current company, Insight Partners, are well-known in the HVAC industry for utilizing social media platforms to educate the HVAC community.

Currently serving as the Technical Sales & Marketing Director at Insight Partners, Tony plays a significant role in online HVAC training, live HVAC shows on LinkedIn and expanding HVAC education on their company's YouTube channel. Through his commitment to this role, he has helped Insight Partners to become one of the industry leaders in live online HVAC training and education.

Before his current role at Insight Partners, Tony worked as an Account Executive in Western North Carolina and Greenville, SC. Prior to joining the Insight team, he was a Sales Engineer at Trane from 1997-2007 and a Sales Manager / Part Owner of Innovative HVAC Sales in Jacksonville, FL, from 2007-2017

Topic of Program: Psychrometrics 101 – How to read a Psychrometric Chart

Program Description: In this presentation, we discuss the following essential topics:

Part 1: Properties of Air. We explain the difference between Dry Bulb, Wet Bulb, Relative Humidity, Humidity, and Dew Point.

Part 2: Building the Psychrometric chart. A psychrometric chart is a graphical representation of the psychrometric processes of air. See how the psychrometric properties make up the chart.

Part 3: We look at psychrometric processes such as cooling, heating, humidification, dehumidification, cooling, and dehumidification.

Part 4: Determining Air Properties

Part 5: Relative Humidity vs. Dew Point

1st Annual ASH-BASH IAQ&BBQ

Please Join us for our first ASH-BASH. The ASHRAE President Mick Schwedler will be in attendance and have some time to speak to our chapter. We will also have Distinguished Lecturer Chris Muller presenting on Standard 62 and the IAQ Procedure. New Dixie Storm will have live music after our presentation. Food will be provided by Mike and Jeff's BBQ. Drinks will also be provided.

Cost is \$5 per person. Spouses are welcome.

If you are interested in sponsoring this event, Please contact Brandon Guy at bguy@greenville.k12.sc.us

More information is available in the flier, website information coming soon.

ASHRAE TECHNOLOGY AWARDS 2021 – CALL FOR NOMINATIONS!

The ASHRAE Greenville Chapter Technology Transfer Committee (CTTC) is now accepting nominations for 2021 Technology Awards. Have you or your organization done something sensational and deserve recognition? Start your application now to begin reaping the benefits of recognition by your peers and ASHRAE. There are six (6) different categories for entry. Details can be found at <https://www.ashrae.org/membership/honors-and-awards/technology-awards-program-overview> .

If you have any questions please contact Bill Knight at bknight@greenville.k12.sc.us or (864)355-7792.



Jobs

Need a Job? Looking for a good candidate?

Check out the new ASHAE Job Board at <https://jobs.ashrae.org/>

ASHRAE Greenville Chapter Board

Chapter President	Ryan Tonnsen & Brandon Guy
Chapter President Elect	Bill Knight
Chapter Vice President	Brandon Guy
Chapter Secretary	Jeremy Butdorf
Chapter Treasurer	Ryan Tonnsen
Chapter Board of Governors	Devon Cortright
Chapter Board of Governors	Karl Counts
Chapter Board of Governors	Bill Knight
Chapter Communications Chair	Matthew Lewis
Chapter Technology Transfer Chair	Bill Knight & Tigie Garick
Chapter Membership Promotion Chair	Brandon Dillard
Chapter Research Promotion Chair	Will Bailey
Chapter Student Activities Chair	Matt Lewis/Brandon Guy
Chapter Grassroots Government Activities Chair	Rodney Hinton
Chapter Historian	Alan King
Chapter Honors and Awards	Devon D Cortright
Chapter Webmaster	Karl F Counts
YEA Chair	Jeremy Butdorf



Event Dates for 2021-2022

Date	Topic	Special Emphasis	Location	Presenter
Tuesday 09/14/2021	Variable Speed Pump Control		Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Patrick Leake
Tuesday 10/12/2021	Electronic Air Cleaning	Research Promotion	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Cosatron
Tuesday 11/09/2021	ASHRAE Guideline 36	Membership Promotion - bring a guest	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Automated Logic
Tuesday 12/14/2021	Fabric Duct	Students/YEA	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	DuctSox Bill Murphy
Tuesday 01/11/2022	Fan Wall Technologies	Joint meeting: AIA	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Trane
Tuesday 02/08/2022	Psychrometrics 101		Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Tony Mormino - Insight Partners
Tuesday 03/08/2022	Standard 62 and the IAQ Procedure		Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Chris Muller - Muller Consulting
Tuesday 04/12/2022	The Value of Good Specifications	Joint Meeting: ASPE	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Terry Rodgers - JLL
TBD	Spring Golf Outing		TBD	
Tuesday 05/10/2022	Air Cooled vs Water Cooled Chillers		Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Carrier
Tuesday 06/14/2022	Energy Code in SC	Joint meeting: USGBC	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	SC Energy Office