

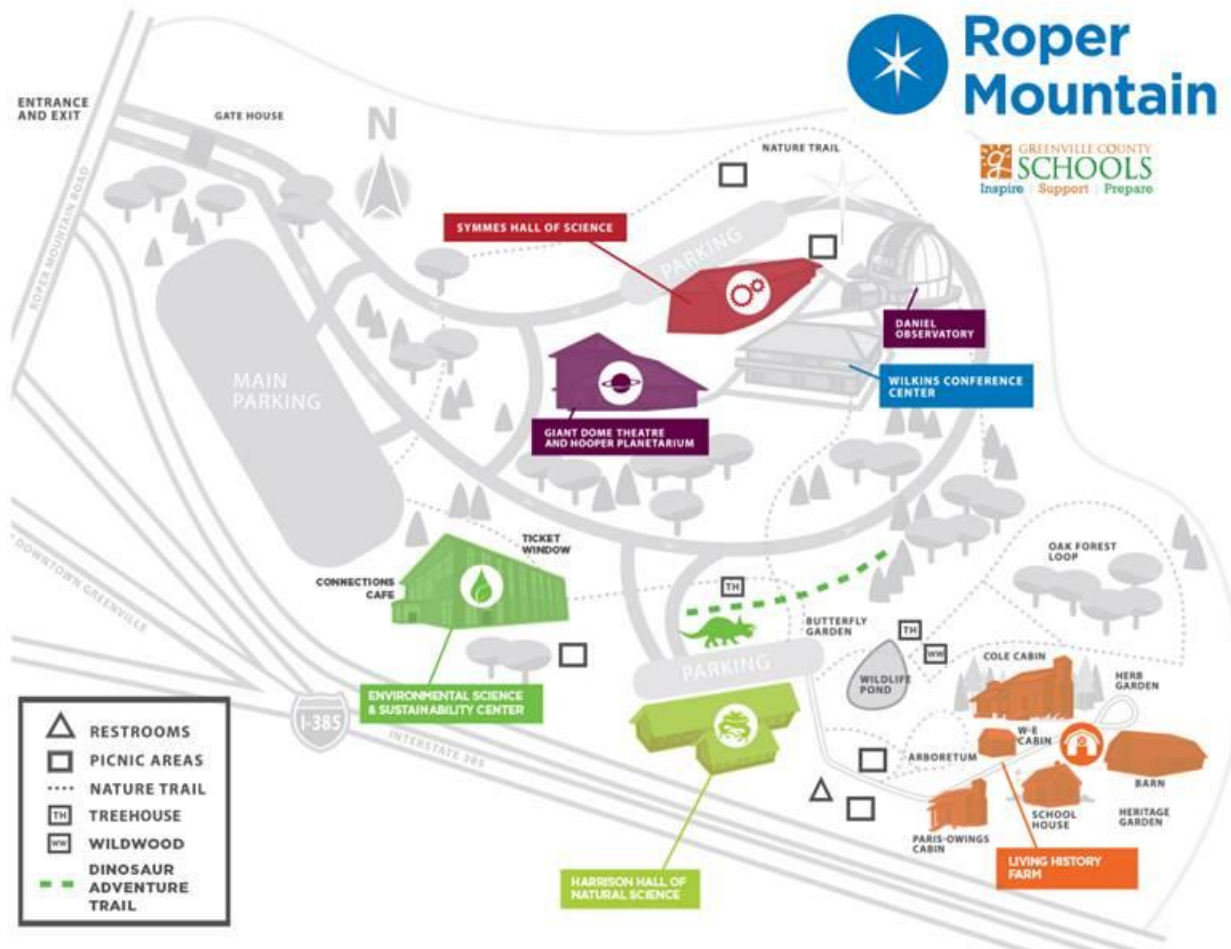


Giga-Joule

September 2021

Meeting Announcement Variable Speed Pump Control Strategies

The Greenville Chapter meeting will be held on **Tuesday, 9/14/21, at 11:50 am**. Please note we will be returning to Roper Mountain Science Center Wilkins Conference Center – 402 Roper Mountain Road, Greenville, SC 29615, for our meeting location. This is conference room is located at the top of the mountain after entering from Roper Mountain Rd (see map below).



A Message from the President

Thank you to our sponsors and volunteers who made the ASHRAE Region IV Chapter Regional Conference (CRC) an overwhelming success right here in Greenville. I truly mean it when I say that this event would not have been possible with our sponsors & volunteers. Everyone from around Region IV was immensely impressed with the event and Greenville at-large. I wanted to say a very special thank you to Bill Knight for organizing the event for the past year (plus) and working behind the scenes to make sure everything went off to without a hitch.

I am looking forward to a great year ahead as we continue to invent and adapt to meet the needs of our chapter members. If you ever have any ideas or requests for how we can better serve the chapter membership, please do not hesitate to reach out to me directly or any other Board of Governor (BOG) member.

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 IN PERSON meetings starting next week, 9/14/21! This year we will be using Stax Catering for our meals. This month's menu choice is listed below. 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!

ASHRAE Lunch Meeting Menu – 9/14/21

Provided by Stax Catering, sponsored by JMP Equipment Company

- *Sliced medallions of roast pork loin topped with pan mushroom gravy*
- *Sweet potato crunch*
- *Green beans*
- *Assorted fresh seasonal desserts*
- *Fresh Baked Rolls*

We will be meeting Greenville on September 14, 2021 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 Variable Speed Pump Control Strategies.

By the end of day Monday, September 13, 2021

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).

September Meeting



Mr. Patrick Leake

Mr. Patrick Leake, has over 20 years of Sales and Management experience with hydronic systems and equipment for commercial and industrial applications.

He graduated with a B.S. degree from Clemson University in 1995 and began working for James M. Pleasants Co., Inc. in that same year. Mr. Leake is a member of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE), the American Society of Plumbing Engineers (ASPE) and the U.S. Green Building Council (USGBC).

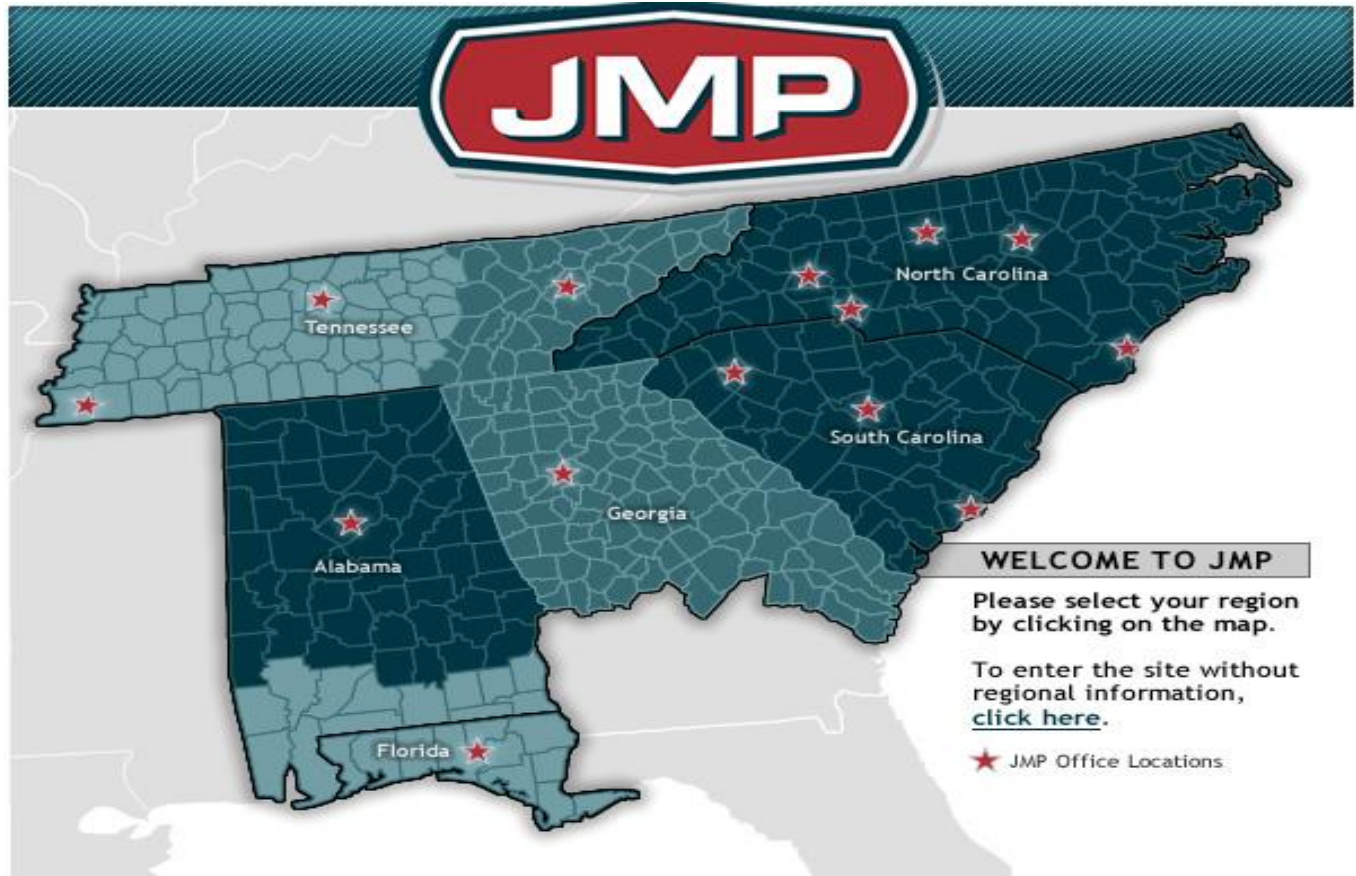
Mr. Leake's main areas of interest are steam systems, chiller plants, high efficiency boilers, & green plumbing systems.

Program

Variable Speed Pump Control Strategies

- Evaluates different methods of controlling variable speed pumps in closed hydronic systems along with general guidelines on when to apply each.
- Control Curve and Control Area Review
- Variable Speed Curve Control Strategies including pump head control, full system flow sensor, and sensor-less control
- Variable Speed Area Control Strategies including remote DP and Remote DP with valve position reset

Presenting Sponsor September Meeting



JMP was founded in 1958 as a stocking sales representative for Bell & Gossett products by Mr. James Pleasants. We have 15 offices in 6 states covering the Southeast United States. The company has grown as an employee-owned sales organization over the years, emphasizing the application of hydronic systems while providing superior customer service.

Our mission is to provide our customers with energy-efficient water and steam related products, along with solutions to their hydronic needs. We will accomplish this while striving to be the best manufacturer's representative in the country to our customers, vendors and employees.

With more than fifty years' experience and the representation of more than twenty lines, James M. Pleasants Company has the expertise and products to provide integrated hydronic, steam and condensate systems.

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
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Chapter Technology Transfer Chair	Bill Knight & Tigue Garick
Chapter Membership Promotion Chair	Brandon Dillard
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Chapter Student Activities Chair	Blake Nalley
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	Air Purification Design Guidance	Students/YEA	Roper Mtn. Science Center Wilkins Conference Center 402 Roper Mountain Road, Greenville, SC	Price - Todd Stovall
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