



2 PDH Credits Save the Date

Chapter Meeting
October 11, 2017



Location: Casa Rina
886 Commerce Street
Thornwood, NY 10594

5:30 – 6:00 PM Arrival and Networking

6:00 – 7:00 PM Technical Presentation

7:00 – 7:30 PM Buffet Dinner

7:00 – 8:00 PM Main Presentation

(2 PDH approved)
\$25 Members, \$30 Non-Members
Complimentary Admission for
Engineering Students
Walk-ins and General Public
Welcomed

Main Presentation – ASHRAE Technical Committee 9.9 – Mission Critical Facilities, Data Centers, Technology Spaces, and Electronic Equipment

This presentation will cover ASHRAE technical committees, objectives, and current progress specifically relating to TC 9.9. We will discuss the guidelines that the TC has been developing regarding data center and mission critical facility HVAC. We will review case studies that are being used by the TC to develop the standards, and several characteristics of technical equipment and HVAC optimization based on current and projected future trends in IT equipment. Typical HVAC strategies for data centers will be presented. **Dustin Demetriou, PhD** is a Senior Engineer at IBM Corporation in the IBM Systems' Advanced Thermal Energy Efficiency Lab. He received a Ph.D. in Mechanical and Aerospace Engineering from Syracuse University. His research is focused on the analysis, application, and optimization of energy conversion systems in the area of high-density data centers and high-performance buildings. He is the Vice Chair and a voting member of ASHRAE Technical Committee 9.9.

Technical Presentation – Air Movement for Energy-Efficient Comfort in Conditioned Spaces

As we move increasingly towards market viable net-zero buildings with initiatives like ASHRAE Vision 2020 and the 2030 Challenge, we must reevaluate the impact of elevated air speed on thermal comfort. We will discuss innovative designs that have reestablished air movement as an integral part of occupant comfort and energy conservation. When integrated into new building designs, air movement allows a reduction of air conditioning capacity. Energy savings can be found in winter as well.

Dan DeCoste is the New England Architect/Engineer Specialist for Big Ass Solutions. After beginning his Big Ass career at the Lexington, KY corporate headquarters, Dan moved to Baltimore, MD to manage industrial and commercial end user sales for the east coast. During his time on the end user side of the business Dan was able to gain hands on product and application experience that he is excited to bring to the A/E community in New England and New York.

Coming Month: November 15th – Lunch, presentation, and tour of Thermal Systems Associates newly renovated training center.

December 13th – ASHRAE Bi-State Christmas Party

See for more information or call Brendan Smith @ 914 741-1290

RSVP to bsmith@lynstaar.com