



Save the Date

Chapter Meeting
February 8, 2017



Location: Casa Rina
886 Commerce Street
Thornwood, NY 10594

5:30 – 6:00 PM Arrival and Networking

6:00 – 6:45 PM Technical Presentation

6:45 – 7:15 PM Buffet Dinner

7:00 – 8:00 PM Main Presentation

(1 PDH pending)

\$25 Members, \$30 Non-Members

Complimentary Admission for
Engineering Students

Walk-ins and General Public Welcomed

Main Presentation – Fundamentals of HVAC Acoustics

This presentation focuses on the guiding principles of acoustics from a basic level and HVAC design guidelines with acoustic considerations. We will review and explain ASHRAE's Noise and Vibration Guideline, clarifying what portions of the guideline are important for HVAC designers and builders. The most common sources of noise will be discussed, as well as strategies to mitigate their disturbance. Baseline noise criteria will be presented for several building uses and the difficulties in reducing the noise generation will be explained.

Albert Maniscalco, has more than 15 years of experience providing acoustical consulting, project and staff management, and years of construction management. As Project Manager, Albert is fully conversant with all aspects of architectural acoustics, mechanical systems, noise and vibration control and environmental impact assessment. The breadth of his project experience includes corporate/executive office facilities, healthcare facilities, design of clinical and research facilities with sensitive equipment (MRI, electron microscope, etc.), power generation and co-generation facilities, mechanical systems design, education and higher education facilities, and auditoria.

Technical Presentation – Solar Energy on Long Island/NYC

This presentation discusses the financials of solar energy systems in the NYC region. We will delve into the upfront costs, running costs, leasing programs, replacement costs, and all financial concerns to determine if solar power is reasonable for existing retrofit projects or new construction projects. We will compare the construction costs of solar to the running energy costs for electricity from local electricity companies to show the solar value.

Tara Bono is the Marketing Manager at EmPower Solar, a leading solar design, engineering, and installation company. Tara earned her BA in Sociology at SUNY Stony Brook and her MPA at CUNY Baruch, both with a focus on environmental studies. In 2011, she was one of the U.S. Climate Change Professional Fellows for the Australia cohort, where she worked with Australian researchers, industries, and advocates dealing with energy and climate issues.

Coming Months: March 8th - ASHRAE's Distinguished Lecturer presentation Alternative Dispute Resolution by Michell Swann

April 12th – Elmsford Sheet Metal Tour at 8:00 AM with breakfast and a presentation.

See www.ashraebistate.org for more information or call Brendan Smith @ 914 741-1290

RSVP to bsmith@lynstaar.com