JANUARY CHAPTER MEETING

2016 CALIFORNIA MECHANICAL CODE UPDATE

SPEAKER: SARGON ISHAYA, MSc, P.E., LEED AP

We welcome you to join us for our technical meeting at the Hotel Biltmore in Santa Clara for an evening of sharing knowledge, fun and networking.

Date: January 11th, 2017

Location: Hotel Biltmore
2151 Laurelwood Rd, Santa Clara, CA 95054

Time:
Check-in and Social: 5:30PM
Presentation with Dinner 6:30PM - 8:15PM
YEA Mixer 8:30PM – last drink served

Cost:
Early bird Registration fee: $ 50/- (by Midnight Jan 8th)
Late Reg./Walk-ins/Non-Members: $ 60/-

RSVP: https://sjashrae.org

See you all there!
Speaker:

Mr. Sargon Ishaya, Msc, P.E., LEED AP
Pragmatic Professional Engineers
San Jose, CA

Sargon received his Master’s Degree from Stanford University and his Bachelor’s Degree from California Polytechnic University in San Luis Obispo. He is a registered Mechanical Engineer in the State of California, a LEED Accredited Professional, a NEBB Associate, and a two-time Past President of the San Jose ASHRAE Chapter. After graduating from Stanford Sargon worked as a Project Manager for two years at a design/build firm in Redwood City where he estimated, designed and managed commercial office, retail, and restaurant projects throughout San Francisco and the Bay Area peninsula. He moved on to the position of Engineering Supervisor at a large design/build firm in San Jose. Sargon joined Therma in 1995 where he worked for 15-years.

Sargon left Therma for a startup company in the solar-thermal panel industry called Chromasun. He served as Vice President of Engineering Applications before leaving to start his own mechanical engineering consulting company called Pragmatic Professional Engineers. Sargon was also a minor partner of NxGen Modular, LLC in San Jose, California focusing on the mechanical, piping, and plumbing designs associated with modular data center construction projects. Sargon is a mechanical engineering instructor who has taught at the University of Santa Cruz - Cupertino Extension, the Pipe Trades Training Center, the Sheet Metal Training Center, National Hispanic University, and San Jose State University. Sargon is still teaching at San Jose State University where is has been an Adjunct Professor in mechanical engineering for 13-years.
Topic:
2016 California Mechanical Code Update

Overview:

Sargon will review select changes in the California Mechanical Code (CMC) between the 2013 and 2016 versions that are of special note to mechanical engineers designing HVAC and hydronic systems. The presentation will point out where there are discrepancies between the CMC and the California Energy Code. The agenda of the presentation includes the following topics:

- Natural ventilation
- Air classifications and recirculation
- Exhaust termination locations
- Filter MERV ratings
- Product Conveying Duct and Fire Dampers
- Minimum exhaust duct design velocities
- Grease duct thicknesses and leakage testing
- Type II grease exhaust hood terminations
- Boilers and low-water cutoff alternative
- Regulations regarding relief valve discharge piping
- Refrigerant leak calculation and vapor alarms
- Outdoor refrigeration room constraints on intake air
- Refrigeration piping and shafts
- Hydronic system controls constraints
- Process piping materials