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NOVEMBER CHAPTER MEETING AND STUDENT NIGHT

EMBEDDED TUBE RADIANT SYSTEMS TO MAXIMIZE LEED POINTS

SPEAKER: DEVIN A. ABELLON, P.E.

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: November 9th, 2016

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

Time:

Check-in and Student 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 Nov 7th)
Late Reg./Walk-ins/Non-Members:	$ 60/-
Student (ID required):	Free
Student Sponsor:	$50

RSVP at sjashrae.org

Speaker:

Devin A. Abellon, P.E.
Uponor
Phoenix, Arizona

Mr. Abellon is a registered professional engineer with over 17 years of experience in the HVAC field, designing systems for commercial, institutional, industrial, health care, and municipal projects. Mr. Abellon was Vice President and managing principal of LSW Engineers California, Incorporated in San Diego until 2009, when he accepted a position as Business Development Manager for Uponor North America. He now works closely with engineers throughout the country, supporting projects that integrate radiant heating and cooling strategies to maximize energy efficiency. Mr. Abellon earned his B.S. degree from the University of California at Santa Barbara in 1993. He is an active member of ASHRAE on the local chapter, regional, and Society level and is currently the Programs Subcommittee Chair for ASHRAE TC6.5 – Radiant and Convective Space Heating and Cooling, as well as a Regional Vice Chair in Region X.

Topic:

Embedded Tube Radiant Systems to Maximize LEED Points

Overview:

As more and more jurisdictions and building owners are requiring higher levels of LEED certification for their projects, design teams are looking beyond traditional HVAC solutions to provide the energy efficiency needed to maximize LEED points while maintaining occupant comfort and safety. In-slab radiant heating systems have enjoyed popularity both here in the United States and abroad for years. Now, with the availability of improved control systems and better understanding within the design and construction community, the same concept can be applied to radiant cooling as an energy-efficient and cost-effective solution. This program will cover the following topics:

- *Radiant Cooling Heat Transfer Fundamentals*
- *Radiant Cooling Performance/Capacity*
- *Typical Construction Methods*
- *Case Studies*

Attendees will gain an understanding of how in-slab radiant cooling systems can be used as part of an energy-efficient design solution to maximize Energy and Atmosphere credits for LEED certification, and see examples of how this has been accomplished on projects both here in the United States and abroad.