

**TRACK NAME**

Heating and Cooling High Performance Buildings - ASHRAE

SESSION NAME

Energy and Resource Conservation in Existing Buildings

DATE + TIME + ROOM NUMBER

Friday Sept 5th – 10:10am – 101A

SESSION DESCRIPTION

Review of the technical processes used to retro-commission a facility and review example projects and their results. Review new building rating systems under development by ASHRAE and how these systems will allow building managers to continuously improve their buildings energy efficiency and reduce their carbon footprint

PRESENTOR(s)

James Bochat – Commissioning Concepts

PRESENTOR BIOGRAPHY(s)

James Bochat, president of Commissioning Concepts has been involved in the Arizona Engineering and Construction industry for over forty years. His experience includes Mechanical Design, Mechanical Construction, Controls, Test & Balance, Commissioning and Retro Commissioning. He is a former President of the National Environmental Balance Bureau (NEBB) organization and has been instrumental in developing and teaching commissioning standards for NEBB. NEBB is a certification agency providing training and certification for Building Systems Commissioning and Test & Balancing. He is involved with ASHRAE serving on National Committees, GPC-30 (Retro Commissioning), PMP Project Committee (Performance Measurement Protocols) and National Institute of Building Sciences (NIBS) High Performance Building project committee.

Commissioning Concepts is a Commissioning consulting firm providing Commissioning and Retro Commissioning services to Facility Owners and the Arizona Construction Industry. Cx Concepts is a member of the USGBC.

Jim is a native of Arizona and attended Arizona State University studying mechanical engineering. He worked for an Arizona utility, mechanical engineers and architects prior to entering into the mechanical construction industry. Professional societies that Jim belongs to include: NEBB, ASHRAE,

CONTINUING EDUCATION CREDIT (CEU)

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