

# NOVEMBER MEETING AND STUDENT ACTIVITIES NIGHT



## GUIDELINE 36: HIGH PERFORMANCE SEQUENCES OF OPERATION FOR HVAC SYSTEMS

**WITH STEVE TAYLOR, PE**

Please join us as we invite students from Cal Poly San Luis Obispo, San Jose State University, Santa Clara University, and Stanford University to attend our November Technical Meeting. We would appreciate if you would consider sponsoring a student attendee with your member registration!



**REGISTRATION:**

 [SJASHRAE.ORG](https://www.sjashrae.org)

**NOVEMBER 1, 2023 5:30 PM**

DELTA HOTELS SANTA CLARA

## Guideline 36: High Performance Sequences of Operation for HVAC Systems

ASHRAE Guideline 36, High-Performance Sequences of Operation for HVAC Systems, was created to develop and maintain best-in-class standardized HVAC control sequences. This guideline is all about the concept of "less is more." It allows engineers to reduce engineering time by adapting standard sequences already proven to perform. It minimizes programming and commissioning time for contractors. ASHRAE Guideline 36 reduces energy consumption, cost, and system downtime with more resilient systems, control sequence compliance, and diagnostic software. The guideline also promotes communication between specifiers, contractors, and operators by creating a language of common terms.

The discussion will touch on the research underlying the current sequences and ongoing and planned future research intended to develop additional advanced sequences for other HVAC system types. Attendees will learn about the ASHRAE Guideline 36 sequences and how they improve energy efficiency, thermal comfort, and indoor air quality. Attendees will also learn how to specify sequences for this guideline.



### Steve Taylor, PE

Steve Taylor has over 40 years of commercial and institutional HVAC system design experience, the last 12 with design/build contractors before starting Taylor Engineers in 1995.

Mr. Taylor is an ASHRAE Fellow and has long been involved with Standard 90.1 "Energy Conservation in New Non-Residential Buildings," and Standard 62 "Ventilation for Acceptable Indoor Air Quality".

He is a nationally known building automation system expert and is the author of an ASHRAE sponsored textbook on the Fundamentals of HVAC Control Systems. Mr. Taylor served as chair of ASHRAE's Control Theory & Application 1.4 and ASHRAE's Guideline Committee 13 Specifying Building Automation Systems. Recently, he founded and is past chair of Guideline 36 High Performance Sequences of Operation for HVAC Systems.

Mr. Taylor has authored over 40 peer-reviewed ASHRAE Journal Articles and technical papers including the monthly ASHRAE Journal Engineer's Notebook column.