

February 25 – 27, 2019

The Florida Hotel & Conference Center | Orlando, Florida

1500 Sand Lake Road, Orlando, Florida 32809

1-800-588-4656

TE- 8 | February 25 & 26 | 8:00 AM - 5:00 PM | 2-Day (16 hours)

Course Title: Selection, Calibration, and Use of Contact Thermometers

Instructor: Dawn Cross, National Institute of Standards and Technology (NIST)

Course Description: In this course, we will discuss contact thermometers commonly used in industry for applications that use platinum resistance thermometers, thermistors, thermocouples and digital thermometers. You will learn how to make and use an Ice Melting Point, calibrate a digital thermometer using a dry well block, and wiring thermocouples for measurements.

Instructor Biography: Mrs. Dawn Cross has worked at the National Institute of Standards and Technology (NIST) in the Thermometry Group since 1994. Mrs. Cross is responsible for the Industrial Thermometer Calibration Laboratory (ITCL) calibration of industrial platinum resistance thermometers, thermocouples, thermistors, and liquid-in-glass thermometers over the range of -196 °C to 550 °C. As part of her responsibility for the ITCL, Mrs. Cross maintains the NIST quality system documentation and measurement assurance to maintain compliance with the NIST QMs and ISO/IEC 17025. Mrs. Cross became a NVLAP assessor in 2005 for NIST and 2008 for outside laboratories.