



NCSL INTERNATIONAL
Serving the World of Measurement



SIM Training Opportunities

Jan 23-24, 2017

Orlando, FL

New Grant for Training

- 3 Year Investment
- SIM Delegate Only
- Industrial Metrology Training
- NCSLI Technical Exchange



Free Training SIM Delegates

Jan 23-24, 2017
Orlando, FL



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11/23/2016

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NCSLI Technical Exchange

Two-day training event teaching industry best practices along with introducing new and innovative calibration hardware, software.



Technical Exchange Measurement Training Program

Understanding ISO/IEC 17025 Requirements

Rob Knake, A2LA

Risk Based Thinking in Metrology

Andy Oldershaw, NRC

Measurement Uncertainties

Dilip Shah, E = mc³ Solutions

Root Cause Analysis

Colin Reitman, A2LA

Improved Performance via Process Mapping

Dean Williams, Duke Energy

Achieving Accreditation: Traceability, CMC's, Software Validation and Assesment Survival

Greg Strouse, NIST

Microwave Measurement Basics

Ronald Ginley, NIST

Understanding RF Power Calibrations at 1mW and 250W

Charlie Sperrazza, Tegam, Inc.

Geometric Dimensioning & Tolerancing (GD&T) Applied to Gage and Fixture Definition

Tony Bryce, Sandia National Laboratories

Vibration and Shock Sensor Theory and Calibration

Eric Seller, The Modal Shop

Good Weighing Practices

Ian Ciesniewski, Mettler-Toledo, LLC

Measuring and Characterizing Surface Topography

Hy Tran, Sandia National Laboratories

Selection, Calibration, and Use of Contact Thermometers

Dawn Cross, NIST

Pressure and Vacuum Measurement

Jacob Ricker, NIST

Flow Measurement and Uncertainties

John Wright, NIST

Realizing the ITS-90 and Maintaining Traceability

Michal Chojnacky, NIST

Temperature Monitoring and Traceability in the Cold Chain

Michal Chojnacky, NIST

Humidity Calibration Uncertainty

Jun Bautista, Masy BioServices

The NIST Uncertainty Machine and the NIST Consensus Builder

Antonio Possolo, NIST

VISIT NCSLI.ORG FOR UPDATES AND CURRENT INFORMATION

What is Included

- Two days of training (Registration Fee)
- Airline ticket
- 3 Hotel nights
- 2 Days Per Diem
- 1 year Individual Professional membership with NCSLI

Next Steps

- Fill out the application
 - Obtain Director approval
 - Submit application to Claudia (Before Nov. 25th)
- Fill out registration form
 - Submit registration to NCSLI staff (Dec. 1st)
- Travel Planning
 - NCSLI will coordinate
 - Airline tickets
 - Hotel stay





2017 NCSLI Workshop & Symposium | August 13 - 17, 2017
Gaylord National Convention Center, National Harbor, Maryland

Precision & Performance with Measurement Science

Call for Papers | Abstract Deadline January 6, 2017

August

13-14

Tutorials
Board Meeting

15-17

Exhibit Hall
Technical Program

18

NIST Tours



Questions

Office Contact

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