

# Connecting Metrology, Standards, and Conformity Assessment at NIST and Beyond

Wednesday, November 28, 2012

Portrait Room

9:00 am - 4:00 pm

Sponsored by:

NIST's Standards Coordination Office

<b>DRAFT AGENDA</b>	
8:00 am	<b>Registration</b>
9:00 am to 9:15 am	<b>Welcome and Opening Remarks</b> Dr. Willie May Associate Director for Laboratory Programs, NIST
<b>BACK TO THE BASICS</b>	
9:15 am to 9:45 am	<b>The International System of Units and NIST's Role as the National Measurement Institute</b> Dr. James Olthoff Deputy Director, Physical Measurement Laboratory (PML), NIST
9:45 am to 10:45 am	<b>Metrology 101</b> Dr. Robert Watters Associate Director of Measurement Services, Material Measurement Laboratory (MML), NIST
	<b>Legal Metrology 101</b> Ms. Carol Hockert Chief, Office of Weights and Measures, PML, NIST
10:45 am to 11:00 am	<b>Break</b>
11:00 am to 12:00 pm	<b>Documentary Standards 101</b> Mr. Michael Hogan Standards Liaison, Information Technology Laboratory (ITL), NIST
12:00 pm to 12:30 pm	<b>Conformity Assessment 101</b> Ms. Sally Bruce NIST Quality Manager, Standards Coordination Office (SCO), NIST
12:30 pm to 1:30 pm	<b>Break</b>

**THE INTERRELATIONSHIPS BETWEEN METROLOGY,  
STANDARDS AND CONFORMITY ASSESSMENT**

1:30 pm to 2:00 pm

**The Big Picture – Connecting the Dots Between Metrology, Standards and Conformity Assessment**

Dr. David Wollman  
Manager, Smart Grid Standards and Research, Smart Grid and Cyber-Physical Systems Program Office, Engineering Laboratory (EL), NIST

**NIST CASE STUDIES**

**How Metrology, Standards and Conformity Assessment are Intertwined at NIST and Beyond**

2:00 pm to 4:00 pm

*(Please note: we will break for 15 minutes at an appropriate time)*

**Moderator**

Dr. Bert Coursey  
Guest Researcher, Standards Services, NIST

**Solid-State Energy Efficient Lighting – LEDs**

Dr. Cameron Miller  
Photometry Project Leader, PML, NIST

**Advancing Biometric Standards and Technologies**

Mr. Michael Garris  
Group Leader/Computer Scientist, Information Access Division, Image Group, ITL, NIST

**Flow of Concrete**

Dr. Chiara (Clarissa) Ferraris  
Physicist, Inorganic Material Group, Materials and Structural Systems Division, EL, NIST

**NIST's Role – Radiological and Nuclear Detection Instruments**

Dr. Michael Unterweger  
Group Leader/Nuclear Physicist, Radiation and Biomolecular Physics Division, Radioactivity Group, PML

**Get the Lead Out of Paints for Children's Products**

Dr. John Sieber  
Research Chemist, Chemical Sciences Division, MML, NIST  
and  
Mr. Gordon Gillerman  
Chief, Standards Services, SCO, NIST

**Q&A**

4:00 pm

**Closing Remarks**

Mr. Gordon Gillerman