

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

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

12:30 pm to 1:30 pm	Break
THE INTERRELATIONSHIPS BETWEEN METROLOGY, STANDARDS AND CONFORMITY ASSESSMENT	
1:30 pm to 2:00 pm	<p>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</p>
NIST CASE STUDIES How Metrology, Standards and Conformity Assessment are Intertwined at NIST and Beyond	
2:00 pm to 4:00 pm <i>(Please note: we will break for 15 minutes at an appropriate time)</i>	<p>Moderator Dr. Bert Coursey Guest Researcher, Standards Services, NIST</p> <p>Solid-State Energy Efficient Lighting – LEDs Dr. Cameron Miller Photometry Project Leader, PML, NIST</p> <p>Advancing Biometric Standards and Technologies Mr. Michael Garris Group Leader/Computer Scientist, Information Access Division, Image Group, ITL, NIST</p> <p>Flow of Concrete Dr. Chiara (Clarissa) Ferraris Physicist, Inorganic Material Group, Materials and Structural Systems Division, EL, NIST</p> <p>NIST's Role – Radiological and Nuclear Detection Instruments Dr. Michael Unterweger Group Leader/Nuclear Physicist, Radiation and Biomolecular Physics Division, Radioactivity Group, PML</p> <p>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</p> <p>Q&A</p>
4:00 pm	<p>Closing Remarks Mr. Gordon Gillerman</p>