



Organization of
American States



NIST
National Institute of
Standards and Technology
U.S. Department of Commerce

Workshop Technical Program

October 8, 2013 Tuesday Afternoon

Plenary Session - Overview of Metrology and Technology Challenges

2:00-2:05 PM	Welcoming Remarks and Workshop Introduction	Dr. Claire Saundry SIM (NIST)
2:05-2:20 PM	Investing in Metrology to support Climate Science and Renewable Energy in the Americas: A project executed by NIST and OAS	Mr. Ruben Contreras (OAS)
2:20-2:50 PM	Climate Change Issues and Metrology Challenges US Projects – INFLUX, LA Basin Opportunities for Global Metrology Activities	Dr. James Whetstone NIST (USA)
2:50-3:20 PM	Urban GHG Measurement Efforts Planned in So. America Renewable Energy Activities in Brazil	Dr. Humberto Brandi INMETRO (Brazil)
3:20-3:50 PM	Air Quality Monitoring Activities in Mexico City	Dr. Francisco Guzman (TBC) Mexican Petroleum Institute (IMP)
3:55-4:15 PM	Break	
4:15-4:45 PM	Renewable Energy Activities in Mexico	Dr. Antonio del-Rio-Portilla University of Mexico
4:45- 5:15 PM	Airborne Particulate Monitoring	Dr. Greg Smallwood NRC (Canada)
5:15-5:45 PM	Current NIST Research Activities on: Building Energy Efficiency, Solar Energy Electrical Measurements/Smart Grid	David Yasher NIST (USA)
5:45-6:15 PM	SIM Participation in Quality Infrastructure for Energy Efficiency and Renewable Energy Sources in Latin-America and the Caribbean – a PTB Project and an update on current activities in Argentina	Dr. Héctor Laiz, INTI (Argentina)
6:15-7:00	General Discussion	



October 9, 2013 Wednesday Morning

Panel Discussion - Setting Priorities (9:00 – 11:00 am)

9:00	Welcome	Humberto Brandi, INMETRO and Hratch Semerjian, NIST
9:15	Introductory Remarks	James Whetstone, NIST
9:30	Brief Presentations* (not to exceed 10 minutes) by representatives from: <ul style="list-style-type: none"> ▪ ANDIMET (<i>TBD</i>) ▪ CAMET (<i>TBD</i>) ▪ CARIMET - Robert Medford, Grenada Bureau of Standards ▪ NORAMET - Dr. Jorge Koelliker-Delgado, CENAM, Mexico ▪ SURAMET – Dr.-Ing. Héctor Laiz – Director, INTI Argentina ▪ PTB – Alexis Valqui 	
10:30	Panel Discussion - Needs and Priorities Objective: To identify common themes, needs and priorities! Possible Topics of Discussion: <ul style="list-style-type: none"> • Greenhouse Gas (GHG) Measurements • Airborne Particulate Measurements • Biofuels Standards/Biorefineries • Renewable Energy (Bio, Wind, Solar, etc.) • Energy Efficiency for Buildings • Energy Distribution Infrastructure/Smart Grid • Natural Gas Distribution Infrastructure • Sustainability/Life Cycle Analysis • Quality Infrastructure • Other? 	
<p><i>Wrap-up Session – Future Activities (11:00 am – 12:30 pm)</i></p> <p>Open Discussion to develop an Action Plan for the Americas</p> <ul style="list-style-type: none"> • Metrology Needs • Technology Needs • Training Needs • Regional Collaborative Activities • Resource Strategies 		



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Expected Outcome:

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Discusses a **Declaration** upon an initial **Action Plan** for metrology infrastructure development for **Renewable Energy and Climate Science in the Americas**

