

# NIST Standards in Trade Workshop on Oil and Gas For South America

March 26-30, 2007

## Workshop Schedule

National Institute of Standards and Technology  
Gaithersburg, Maryland

Monday, March 26	Building 215 AML/Room C103
8:45 a.m.	NIST Bus pick up from Hotel
9:00 a.m.	Administration
9:15 a.m.	<p><b><u>Welcome and Introductions</u></b> Belinda Collins, Ph.D. Director, Technology Services National Institute of Standards and Technology (NIST)</p> <p>Carmaña Londoño, Ph.D. Group Leader, Global Standards and Information Group National Institute of Standards and Technology (NIST)</p>
10:00 a.m.	<p><b><u>Workshop Overview</u></b> June Ling Associate Executive Director, Codes and Standards American Society of Mechanical Engineers (ASME)</p>
10:15 a.m.	<p><b><u>Overview of NIST</u></b> Hratch Semerjian, Ph.D. Chief Scientist, Director's Office National Institute of Standards and Technology (NIST)</p>
10:45 a.m.	BREAK – Hosted by API
11:00 a.m.	<p><b><u>Overview of the Oil and Gas Sector</u></b> John Felmy Chief Economist American Petroleum Institute (API)</p>
12:00 p.m.	Administration

- 12:15 p.m.     Group Photo – Administration Building
- 12:30 p.m.     LUNCH – NIST Cafeteria
- 1:45 p.m.     **Overview of the U.S. Standards System**  
Jane Schweiker  
Senior Advisor to the President/CEO  
American National Standards Institute (ANSI)
- 2:30 p.m.     **PANEL: U.S. Standards Development Organizations  
in the Oil and Gas Sector**  
Moderator: David Miller, Director, API Standards Program
- 2:30 p.m.     David Soffrin (*industry equipment & material standards and practices*)  
Manager, Downstream Standards  
American Petroleum Institute (API)
- 2:50 p.m.     Joseph Bruszkiewicz (*refinery standards*)  
Project Engineering, Pressure Technology  
Codes & Standards  
American Society of Mechanical Engineers (ASME)
- 3:10 p.m.     W. James Bover, Ph.D. (*test method quality control*)  
Business Advisor  
Exxon Mobil Biomedical Sciences, Inc.  
*(Speaking at the invitation of ASTM)*
- 3:30 p.m.     BREAK – Hosted by American Petroleum Institute (API)
- 3:40 p.m.     Ted Lemoff (*Liquefied Natural Gas Standards*)  
Principal Gases Engineer  
National Fire Protection Association (NFPA)
- 4:00 p.m.     Daniel P. Ryan (*storage/point of sale/hazLoc/related fire-suppression*)  
Standards Technical Panel Chair  
Underwriters Laboratories Inc. (UL)
- 4:20 p.m.     Group Discussion
- 5:00 p.m.     NIST Bus departs for Hotel  
  
**Dinner @ the Marriott Washingtonian Center -Sponsored by ASME**
- 6:00 p.m.     Cocktail Hour
- 7:00 p.m.     DINNER

- 8:15 a.m. NIST Bus pick up from Hotel
- 8:30 a.m. Administration
- 8:45 a.m. **Overview of the U.S. Regulatory System**  
Mary H. Saunders  
Chief, Standards Services Division  
National Institute of Standards and Technology (NIST)
- 9:15 a.m. **Overview of the Standards and Regulatory System**
- 9:15 a.m. Argentina Representative
- 9:35 a.m. Bolivia Representative
- 9:55 a.m. Brazil Representative
- 10:15 a.m. Chile Representative
- 10:35 a.m. Group Discussion
- 10:45 a.m. BREAK – Hosted by American Petroleum Institute (API)
- 11:00 a.m. **PANEL: Practical Application of Standards in Regulations**  
Moderator: Ileana Martinez, Physical Scientist, NIST
- 11:00 a.m. Theodore L. Willke  
Acting Associate Administrator for Hazardous Materials Safety  
U.S. Department of Transportation
- 11:30 a.m. Joseph Levine  
Senior Engineer  
Minerals Management Service (MMS)
- 12:00 p.m. Group Discussion
- 12:15 p.m. LUNCH – NIST Cafeteria
- 1:30 p.m. **Site Visit Overview of NIST Laboratories**
- 1:45 p.m. Depart for Site visit – walk or take bus to Bldg. 230  
Flow Lab/Calibration of master gauges/Measurement Lab
- 2:00 p.m. Site Visit – Bldg 230

- 3:30 p.m. Depart for AML Building
- 3:45 p.m. BREAK – Hosted by American Petroleum Institute (API)
- 4:00 p.m. The PTB Hydrodynamic Test Field  
*(German national measurement standard for liquid flow measurements)*
- Jesús Jaime Aguilera Mena  
Water Flow Metrology Engineer  
Physikalisch-Technische Bundesanstalt (PTB) Braunschweig
- 4:25 p.m. Overview on Standardization and Metrological Research in the Oil and Gas Sector in Germany
- Gudrun Wendt  
Head of Department for Liquid Flow  
Physikalisch-Technische Bundesanstalt (PTB) Braunschweig
- 4:45 p.m. Group Discussion
- 5:00 p.m. NIST Bus Depart for Hotel
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- 8:15 a.m. NIST Bus pick up from Hotel
- 8:30 a.m. Administration
- 8:40 a.m. **Overview of the Standards and Regulatory System (continued)**
- 8:40 a.m. Colombia Representative
- 9:00 a.m. Ecuador Representative
- 9:20 a.m. Peru Representative
- 9:40 a.m. Venezuela Representative
- 10:00 a.m. Group Discussion
- 10:15 a.m. BREAK – Hosted by American Petroleum Institute (API)
- 10:30 a.m. **PANEL: Conformity Assessment for Products in the U.S.**  
Moderator: Gordon Gillerman, Conformity Assessment Advisor, NIST
- 10:30 a.m. Ann M. Weeks (*General Overview*)  
Vice President, Government Affairs  
Underwriters Laboratories Inc. (UL)
- 10:50 a.m. David Wizda (*Refinery Equipment*)  
Managing Director, Conformity Assessment ASME Codes & Standards  
American Society of Mechanical Engineers (ASME)
- 11:10 a.m. Gerardo Uria (*Upstream Equipment and Lubricants*)  
Manager, API Monogram Program, APIQR  
American Petroleum Institute (API)
- 11:30 a.m. Group Discussion
- 11:40 a.m. **PANEL: Certification for Personnel in the U.S.**  
Moderator: Gordon Gillerman, Conformity Assessment Advisor, NIST
- 11:40 a.m. Tina Briskin  
Manager, API Individual Certification Program  
American Petroleum Institute (API)

12:00 p.m. Francis L. Brown  
Senior Staff Engineer  
National Board of Boiler & Pressure Vessel Inspectors (NBBI)

12:20 p.m. Group Discussion

12:30 p.m. Depart for Site Visit (*Bag Lunch on Bus*)

1:45 p.m. Site Visit:  
Motor Fuel Testing Lab  
7275-B Waterloo Road  
Jessup, MD 20794

4:00 p.m. Bus departs for Hotel

**DINNER SPONSORED BY ASTM**

6:30 p.m. Bus departs (*from hotel*) for Divino Lounge and Restaurant

10:00 p.m. Bus departs for Hotel



- 8:15 a.m. NIST Bus pick up from Hotel
- 8:30 a.m. **Overview of Conformity Assessment**
- 8:30 a.m. Argentina Representative
- 8:50 a.m. Bolivia Representative
- 9:10 a.m. Brazil Representative
- 9:30 a.m. Chile Representative
- 9:50 a.m. Colombia Representative
- 10:10 a.m. Ecuador Representative
- 10:30 a.m. BREAK – Hosted by American Petroleum Institute (API)
- 10:40 a.m. Peru Representative
- 11:00 a.m. Venezuela Representative
- 11:20 a.m. **PANEL: Hazardous Locations**  
Moderator: Erin Waldron Grossi, Manager, International Affairs  
Underwriters Laboratories Inc. (UL)
- 11:20 a.m. Ken Klouse (*how HazLoc are regulated in U.S.*)  
Lead Assessor, OSHA NRTL Program  
Department of Labor
- 11:40 a.m. Kerry McManama (*US participation in IEC EE EX scheme*)  
General Manager of UL's Hazardous Locations Business Unit  
Underwriters Laboratories Inc. (UL)
- 12:00 p.m. Ted Lemoff (*Flammable Liquids Storage Standards*)  
Principal Gases Engineer  
National Fire Protection Association (NFPA)
- 12:20 p.m. Group Discussion
- 12:30 p.m. LUNCH – NIST Cafeteria

- 1:30 p.m.     **PANEL: Emerging Trends- Pipeline Management**  
Facilitator: Richard Ricker, NIST Metallurgy Division
- 1:30 p.m.     Bernd Selig (*Gas pipelines*)  
Consultant  
P-PIC
- 1:50 p.m.     Peter Lidiak  
Director, Pipeline Segment  
American Petroleum Institute (API)
- 2:10 p.m.     Group Discussion
- 2:40 p.m.     BREAK – Hosted by American Petroleum Institute (API)
- 3:10 p.m.     **Emerging Trends: Alternative Fuels**  
Moderator: Ileana Martinez, Physical Scientist, NIST
- 3:10 p.m.     Renewable Fuels Association (RFA) Speaker
- 3:40 p.m.     Round Table Discussion for all Invitees
- 4:30 p.m.     Bus Departs for Hotel





- 8:15 a.m. NIST Bus pick up from Hotel
- 8:30 a.m. Administration
- 8:40 a.m. **Discussion: Final Forum and Future Collaboration**  
Moderator: Ileana Martinez, Physical Scientist, NIST
- Objectives: a) Answer remaining questions; b) discuss topics of interest to the delegates; c) understand obstacles to US standards adoption
- 9:30 a.m. **Delegation Meetings**
- 11:00 a.m. BREAK – Hosted by American Petroleum Institute (API)
- 11:30 a.m. **Final Forum – Next Steps**
- 12:15 p.m. Complete Workshop Evaluations
- 12:30 p.m. **Closing Remarks**  
Dr. Carmiña Londoño  
Group Leader, Global Standards and Information Group  
National Institute of Standards and Technology (NIST)
- Delegation Representative(s)
- 1:00 p.m. NIST Bus departs for hotel