

4th International Conference on Biofuels Standards: Current Issues, Future Trends

NIST Campus, Gaithersburg, Maryland, USA

Day 1: November 13, 2012

7:30 -8:30 am	Continental Breakfast	
8:30 – 10:00 am 1.1 Opening Plenary Session	8:30 am	Welcome: <i>Hratch Semerjian</i> <i>NIST Chief Scientist Emeritus</i>
	8:35 am	Opening Remarks: <i>Willie May</i> <i>NIST Associate Director for Laboratory Programs</i>
	Conference Perspectives	
	8:45 am	Brazilian Perspectives on Biofuels* <i>Emerson Kloss, Brazilian Ministry of Foreign Affairs</i>
	9:05 am	European Perspectives on Biofuels* <i>EC Washington Rep</i>
	9:25 am	US Perspectives on Biofuels* <i>Gary Guzy, Deputy Director, White House Council on Environmental Quality</i>
	9:45 am	Q&A Session
10:00 – 10:30 am	Break (Coffee Available)	
10:30 am – 12:30 1.2 Morning Plenary Session	10:30 am	Biofuels in the Global Energy Markets* <i>Doug Elliott - IEA Bioenergy Task 34</i>
	10:50 am	State and Future of Biofuels in South America <i>Helder Querioz – Director ANP/Brazil</i>
	11:10 am	A Review of DOE Biofuels Program <i>Zia Haq – U.S. Department of Energy</i>
	11:30 am	Fuels that Enable More Efficient Engines <i>Bob McCormick – National Renewable Energy Laboratory, U.S. Department of Energy</i>
	11:50 am	Fuel Supplier Perspectives <i>Aubrey Burrows - Downstream Fuel Association – UK</i>
	12:05 am	Title* <i>Automotive Industry Rep. *</i>
	12:20 pm	Q&A Session
12:30 – 1:30 pm	Lunch (on-site)	

**4th International Conference on Biofuels Standards:
Current Issues, Future Trends
NIST Campus, Gaithersburg, Maryland, USA**

Day 1: November 13, 2012

1:30 -3:30 pm 1.3 Concurrent breakout sessions A & B	Session 1.3A	1.2a Bioethanol
	1:30 pm	A Review of the NRC Study on RFS <i>Wally Tyner – Purdue University*</i>
	1:55 pm	Title* <i>Jeff Cooper – US Renewable Fuel Association</i>
	2:20 pm	Biofuels Market in the EU <i>Rob Vierhout – European Renewable Ethanol Assoc.</i>
	2:45 pm	Title* <i>TBA - Petrobras*</i>
	3:10 pm	Title* <i>Joerg Bernard – Sudzucker Co.</i>
	Session 1.3B	1.2b Biodiesel
	1:30 pm	Title* <i>Richard Nelson – National Biodiesel Board</i>
1:55 pm	Density-Temperature and Density-Pressure Relationships for Ethanol and FAME <i>Tom Feuerhelm – DIN-FAM</i>	
2:20 pm	Issues in the EU biodiesel market that underline the need for Norms and Standards <i>TBA – European Biodiesel Board</i>	
	Q&A Session	
3:30 – 4:00 pm	Break and Move to Afternoon Plenary (Coffee Available)	
4:00 – 5:30 pm 1.4 Afternoon Plenary: Measurements & Standards	4:00 pm	Development of CRMs for Biofuels <i>Romeu Daroda, INMETRO, Brazil</i>
	4:25 pm	European Joint Research Project on Biofuels <i>Paola Fisicaro, LNE, France</i>
	4:50 pm	Biofuel Measurement and Testing Methods <i>PTB Speaker, Germany</i>
	5:10 pm	Biofuel “Blend Walls” in the EU <i>Anders Roj, Volvo</i>

**4th International Conference on Biofuels Standards:
Current Issues, Future Trends
NIST Campus, Gaithersburg, Maryland, USA**

Day 1: November 13, 2012

<p>5:30 pm – 6:15 pm 1.5 Afternoon Panel: Sustainability</p>	<p>Panelists: <i>Don Scott, National Biodiesel Board</i> <i>Claudio Guerreiro, ABNT, ISO TC 248</i> <i>Ortwin Costenoble, NEN, CEN/TC 383</i> <i>Keith Kline, Oak Ridge National Lab.</i> <i>Leticia Phillips, UNICA</i> <i>Richard Nelson, Kansas State University</i> <i>GBEP Rep. - State Dept.</i></p>
<p>6:15 – 6:30 pm</p>	<p>Wrap Up Evening Logistics</p>
<p>Adjourn</p>	<p>Bus to Hotel</p>

DRAFT - not for distribution

4th International Conference on Biofuels Standards: Current Issues, Future Trends

NIST Campus, Gaithersburg, Maryland, USA

Day 2: November 14, 2012

7:30 -8:30 am	Continental Breakfast	
8:30 – 10:05 am 2.1 Morning Plenary Session: Aviation Biofuels Perspectives	8:30 am	Welcome: <i>Hratch Semerjian, NIST</i>
	8:35 am	Keynote: Title* <i>Kevin Geiss, US Air Force Deputy Assistant Secretary</i>
	9:05 am	CAAFI and Other Initiatives <i>Mark Rumizen, U.S. Federal Aviation Administration</i>
	9:35 am	Title* <i>Guilherme Freire – Embraer*</i>
10:15 – 10:45 am	Break and Move to Concurrent Sessions (Coffee Available)	
10:45 – 1:00 pm Concurrent Morning Sessions 2.2 A & B	Session 2.2A	Aviation – Commercial Approval Process
	10:45 am	Overview <i>Mark Rumizen, U.S. Federal Aviation Administration</i>
	11:00 am	ASTM Quality Process D4054 <i>Tedd Biddle, PWA</i>
	11:20 am	ASTM Emerging Fuels Subcommittee Activities <i>George Wilson, SWRI</i>
	11:40 am	Fit-for-Purpose Properties <i>Tim Edwards, USAF, USA</i>
		Aviation – Government and Military Support
		NASA Research on Biofuels
	12:00 noon	<i>Dan Bulzan, NASA, USA</i>
		USAF Testing and Certification
	12:20 pm	<i>Tim Edwards - USAF</i>
	Session 2.2B	Other Biofuels <i>Henry Bryndza – DuPont</i> <i>Vinicius Massa – Petrobras</i> <i>Per Salomonsson – Volvo</i> <i>Robert Hebner – U. Texas</i> <i>Automotive Industry Rep*.</i> <i>US Algal Fuels Assoc.*</i>
		Reports from Developing Economies <i>Guatemala, El Salvador, Haiti, Honduras, Dominican Republic, Jamaica, Malaysia, India,</i>
1:00 – 2:00 pm	Lunch (on-site)	

**4th International Conference on Biofuels Standards:
Current Issues, Future Trends
NIST Campus, Gaithersburg, Maryland, USA**

Day 2: November 14, 2012

2:00 – 4:30 pm 2.3 Concurrent Afternoon Sessions A & B	Session 2.3A	Aviation – User Perspectives
	2:00 pm	Airlines’ Requirements <i>Steve Barker, A4A</i>
	2:20 pm	Aircraft Manufacturer’s Perspective <i>Jim Kinder, Boeing</i>
	2:40 pm	Aircraft Manufacturer’s Perspective <i>Ross Walker, Airbus</i>
	3:00 pm	Engine Manufacturer’s Perspective <i>Stan Seto, GE</i>
	3:20 pm	Airline Flight Trials <i>Alexander Zschocke, Lufthansa</i>
	3:40 pm	Title* <i>Chris Lewis or Brad Wall, Rolls Royce?</i>
		Aviation Biofuels Pathways
	4:00 pm	Amyris-Total Renewable Jet Fuel Program <i>Fernando Garcia - Amyris</i>
	4:15 pm	Title* <i>Ed Coppola, Applied Research Associates</i>
	4:30 pm	Title* <i>Glen Johnston, GEVO</i>
	4:45 pm	Title* <i>Aaron Imrie, Virent</i>
	Session 2.3B	Measurements & Standards
	2:00 pm	Advanced Distillation Curves – Applications to Aviation Biofuels <i>Tom Bruno, NIST, USA</i>
2:30 pm	Update on European Biofuel Specifications and Test Methods <i>Ortwin Costenoble, NEN - The Netherlands</i>	
3:00 pm	Economic Impact of Biofuel Standards <i>Taynah Lopes de Souza, INMETRO, Brazil & NIST, USA</i>	
3:30 pm	Title* <i>Lasse Henriksen, Denmark</i>	
4:00 pm	Q&A Session	
4:30 – 4:45 pm	Break and Move to Plenary for Afternoon Closing	

**4th International Conference on Biofuels Standards:
Current Issues, Future Trends**

NIST Campus, Gaithersburg, Maryland, USA

Day 2: November 14, 2012

4:45 – 5:15 pm	Afternoon Wrap Up Evening Logistics
Adjourn	Bus to Hotel
8:30 pm 2.3 Evening Panel at Hotel	Roundtable Discussion – IP Issues: How do they affect the standards development process? <i>Moderator: Mary Saunders, Director, Standards Coordination Office, NIST</i> <i>Panelists: Names, affiliations*</i>
	End of Day 2

DRAFT - not for distribution

4th International Conference on Biofuels Standards: Current Issues, Future Trends

NIST Campus, Gaithersburg, Maryland, USA

Day 3: November 15, 2012

7:30 -8:30 am	Continental Breakfast	
8:30 – 10:30 am 3.1 Morning Plenary Session: Applications & Regulatory Issues	8:30 am	Welcome: <i>Hratch Semerjian, NIST</i>
	8:35 am	Keynote: US Policies for Biofuels* <i>TBA, U.S. Environmental Protection Agency*</i>
	9:05 am	A Roadmap for Test Methods and Requirements for Future Fuels in Europe <i>Ortwin Costenoble – NEN, The Netherlands</i>
	9:35 am	Applications and Regulatory Issues: Surface Transport <i>Rosangela M. Araujo – ANP Brazil</i>
	10:05 am	Q&A Session
10:30 – 10:45 am	Coffee Break	
10:45 – 12:00 3.2 Concluding Panel: Future Trends	<i>Panelists:</i> <i>Kyriakos Maniatis, EC DG ENER, EU</i> <i>Humberto Brandi, INMETRO, Brazil</i> <i>Mark Rumizen, U.S. Federal Aviation Administration</i> <i>Rosangelo Araujo, ANP Brazil</i> <i>Anders Røj, Volvo & ACEA-Sweden</i> <i>Jennifer Holmgren, Lanza Tech</i>	
12:00 – 12:30 pm	Wrap Up Closing Remarks	
Adjourn	Depart	

* To be Announced/Confirmed

20121003