





Preliminary Program

Monday, March 22, 2010	
10:45AM-11:00AM	Coffee Break
11:00AM-11:45AM 	<p>Energy Leadership Keynote Address - "Energy Security and Affordability in the 21st Century" Sponsored: the AIChE Fuels and Petrochemicals Division Chair: Syamal K. Poddar Speaker: John Hofmeister, former President of Shell Oil Company, and founder of the non-profit association, Citizens for Affordable Energy, tackles two of the most critical concerns facing industry today- energy availability and affordability.</p> <p><i>Lone Star Salon A/B, Grand Hyatt San Antonio</i></p>
1:15PM-2:15PM 	<p>Spring Meeting Keynote Address Chair: Mary Ellen Ternes Speaker: Lisa Jackson, U.S. Environmental Protection Agency Administrator</p> <p><i>Lone Star Salon A/B, Grand Hyatt San Antonio</i></p>
Tuesday, March 23, 2010	
11:30AM-1:00PM 	<p>IfS Managing Board Meeting Crockett A 9 (4th Level), Grand Hyatt San Antonio</p>
1:00PM-2:00PM 	<p>Energy and Resource Efficiency Plenary Chair: Mary Ellen Ternes Speaker: Amory B. Lovins, Cofounder, Chairman, and Chief Scientist, Rocky Mountain Institute, will announce the winners of the 10xE Challenge at this plenary. This new competition focuses on capturing the methodology behind radically efficient designs of processes devices and materials and highlighting results.</p> <p><i>Lone Star Salon A/B, Grand Hyatt San Antonio</i></p>

<p>6:30PM-9:00PM</p> 	<p>SEF Dinner - \$25- <i>Advanced Registration Required</i> Presentation: "Sustainability in Practice: Responsible Delivery of Energy and Chemicals in an CO2-Constrained World" Keynote: Joseph Powell, managing engineer in process development, Shell's Westhollow Research Center in Houston where he leads process development projects in biofuels, enhanced oil recovery, and new chemical processes.</p> <p><i>Republic of Texas, 625 River Walk Phone: 210-226-6256</i></p>
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Wednesday, March 24, 2010	
<p>8:00 AM-11:00 AM</p>  	<p>Workshop: Perspectives on Measurements in Sustainability Chair: Beth Beloff Co-Chair: Dale Keairns Description: Sustainability is about complex systems and their interrelated parts. Measurement of sustainability is therefore complex and challenging and lends itself to many interpretations and approaches. This session will present some approaches to how to quantify the sustainability aspects and attributes of municipalities, supply chains, and a company and its processes and products. Several collaborative efforts which are underway will be reviewed as to how they are developing ways to quantify aspects – including energy and GHG metrics - benchmark results, and move toward consensus on criteria for measurement. Among those collaborative projects highlighted will be The Founder Society Technologies for Carbon Management Project, AIChE biofuels metrics effort, and the AIChE Sustainability Index for Chemical Producers. Additional presentations include EPA’s metrics for designing sustainable supply chains, a sustainability metrics system developed by Cytec, and a prototypical sustainable cities suite of metrics.</p> <p><i>Presidio B (Grand Hyatt San Antonio)</i></p>
<p>11:00AM-2:00PM</p>	<p>Renewable Fuels Metrics Roundtable Republic B (4th Level), Grand Hyatt San Antonio</p>

2:00 PM-5:00 PM



Workshop: Implementing Sustainable Supply Chains

Chair: Beth Beloff

Co-Chair: Dale Keairns

Description: This session will provide an overview on how business is seeking to evaluate supplies and suppliers in terms of sustainable products, services and supplier practices. It will highlight some programs in EPA to assist organization in this effort. It will also

leverage efforts from the Sustainable Supply Chain Roundtable of CSTP to continue discussion on development of collaborative approaches and methods to building more sustainable supply chains. Sponsorship for this session comes from the Center for Sustainable Technology Practices (CSTP) at AIChE. Invited speakers include those from the following organizations:

- Shell BioFuels
- Cadbury and AM Todd Co.
- WalMart/Sustainability Consortium
- Greener Package
- AIM-Progress Network
- Electric Utility Industry Sustainable Supply Chain Alliance
- EPA Sustainable Product Network
- EPA/Green Suppliers Network

Presidio B (Grand Hyatt San Antonio)

<http://aiche.confex.com/aiche/s10/webprogram/Symposium1232.html>