

MONDAY MARCH 10, 2008

2:00 PM TO 5:00 PM

Issues Sessions Elizabeth F	Hydroprocessing Elizabeth G	Gasoline Elizabeth H	Process Safety Manchester C	FCC Technology Manchester B	Synthetic Crude Oil Challenges Manchester A
<p>Implementation of the New Renewable Fuel Standard:</p> <ul style="list-style-type: none"> ▪ Don Clay, Koch Industries, Inc. ▪ Joanne Shore, EIA ▪ Paul Machiele, EPA√ ▪ Mike Leister, Marathon/Petroleum ▪ Don Endres, VeraSun ▪ Tom Stricker, Toyota <p>2:00 – 3:30 pm</p>	<p>Improving the Operation of Desulphurization Units Using Advanced Process Control Technology Andrew McIntosh Aspen Technology, Inc. AM-08-28 2:00pm</p>	<p>It is not your grandfather's gasoline Cal Hodge A 2nd Opinion, Inc. AM-08-82 2:00pm</p>	<p>Delivering Process Safety Performance Indicators Tom Garvin SAIC AM-08-24 2:00pm</p>	<p>Maximizing Flexibility for FCC s Designed to Maximize Propylene Alan Claude KBR AM-08-53 2:00pm</p>	<p>Canadian Synthetic Crude Oil: Markets in Transition Stephen Fekete Purvin & Gertz, Inc. AM-08-35 2:00pm</p>
	<p>Increased FCC Pretreatment Capability - How Best To Utilize in a Clean Fuel Facility Elizabeth Roellig Houston Refining, LP AM-08-30 2:30pm</p>	<p>Options for Reducing Benzene in the Refinery Gasoline Pool R. E. (Ed) Palmer Mustang Engineers and Constructors, LP AM-08-10 2:30pm</p>	<p>Implementing Overtime Guidelines Paul Spicer Shell Oil Products AM-08-13 2:30pm</p>	<p>The Effect Of Hydrocarbon Partial Pressure on Propylene Production in the FCC Ruizhong Hu Grace Davison AM-08-51 2:30pm</p>	<p>Processing Oilsands Derived Crudes in Conventional Refineries Dino Chakraborty Colt WorleyParsons AM-08-34 2:30pm</p>
	<p>Fixed Bed Reactor Optimization Through Novel Bed Support Design Daniel Sherman Saint-Gobain NorPro AM-08-27 3:00pm</p>	<p>Utility and Infrastructure Requirements for Gasoline Benzene Reduction Processes Dominic Varraveto Burns & McDonnell AM-08-12 3:00pm</p>	<p>U.S. Chemical Safety Board: Lessons Learned from Recent Investigations William Wark U.S. Chemical Safety Board AM-08-22 3:00pm</p>	<p>MILOS - Shell's Ultimate Flexible FCC Technology in Delivering Diesel/Propylene Mart Nieskens Shell Global Solutions AM-08-54 3:00pm</p>	<p>New Oil Sands Upgrading Technologies Winnowing Promises Jon Moretta Jacobs Consultancy Inc. AM-08-31 3:00pm</p>
<p>Grassroots Advocacy:</p> <ul style="list-style-type: none"> ▪ John Powell, Meridian Strategies ▪ Mike McKenna, MWR Strategies ▪ Bill Greener, Greener and Hook <p>3:30 – 5:00 pm</p>	<p>Combining New and Old Technologies: Inlet Diffuser and Random Packing Dramatically Improve Reactor Performance Garry Jacobs Fluor Corporation AM-08-29 3:30pm</p>	<p>Benzene Management in a MSAT 2 environment Delphine Largeteau Axens North America, Inc. AM-08-11 3:30pm</p>	<p>Effective Design of Overview Displays to Support Operator Situation Awareness Paul Bullemer Human Centered Solutions, LLP AM-08-23 3:30pm</p>	<p>Pilot Plant Evaluation of FCCU Catalyst Technology and Use of Data for Commercial Catalyst Applications Cheryl Joyal BP AM-08-52 3:30pm</p>	<p>Upgrading Bitumens from W. Canada Larry Wisdom Axens North America, Inc AM-08-32 3:30pm</p>
	<p>IsoTherming Hydroprocessing Technology Carmo Pereira DuPont STRATCO AM-08-26 4:00pm</p>	<p>Benzene Recovery Ron Cormier GTC Technologies AM-08-15 4:00pm</p>	<p>Understanding and Implementing API RP753 Paul Tobia A Box 4 U AM-08-96 4:00pm</p>	<p>FCC Catalyst Optimization A Dynamic Approach for Today's Changing Feedstocks & Refinery Economics Darren Varrenkamp INTERCAT AM-08-50 4:00pm</p>	<p>LC-FINING Options for Heavy Oil Upgrading David Wadsworth Chevron Lummus Global AM-08-33 4:00pm</p>
	<p>Optimal Pressure for Hydrocracking: Case Study for Assessing Trade-offs Ron Meeker Chevron AM-08-95 4:30pm</p>	<p>Benzene Reduction at Lowest Capital Cost Kerry Rock CDTECH AM-08-14 4:30pm</p>	<p>Reliability and Availability: Lifecycle Lessons from Functional Safety Iwan van Beurden Exida AM-08-25 4:30pm</p>	<p>FCC Regenerator Design to minimize catalyst deactivation and emissions Chris Santner Stone & Webster Inc. AM-08-18 4:30pm</p>	<p>Strategies for Desalting Heavy Western Canadian Feedstocks Lawrence Kremer Baker Petrolite Corporation AM-08-36 4:30pm</p>

**TUESDAY MARCH 11, 2008
9:30 AM TO 12:00 PM**

Issues Sessions Elizabeth F	Developing Carbon Dioxide Strategies Elizabeth G	Crude Evaluation and Distillation Elizabeth H	Profit Improvement Manchester C	FCC Technology Manchester B	Operations Manchester A
<p align="center">Demographics and Engineering Resources:</p> <ul style="list-style-type: none"> ▪ Joe Fowler, Texas A&M Engineering Council <p align="center">10:30 am – 12:00 pm</p>	<p>Economics, CO2 Balance and Energy Efficiency of Biofuels Production Stephen McGovern PetroTech Consultants AM-08-40 9:30am</p>	<p>Improve Crude Selection By Better Understanding Crude Oil Quality Pat Swafford Spiral Software AM-08-42 9:30am</p>	<p>Gasification Technology: Generating Profit from the Bottom of the Barrel Joachim Wolff Shell Global Solutions AM-08-45 9:30am</p>	<p>FCC Revamp Patrick LeRoy TOTAL Refining AM-08-19 9:30am</p>	<p>The Journey to Operational Excellence Kevin Smith KBC Advanced Technologies, Inc. AM-08-87 9:30am</p>
	<p>Carbon Dioxide and Refining -- Trends and Challenges John Jenkins Jacobs Consultancy Inc AM-08-39 10:00am</p>	<p>Managing High Acid Crudes Craig Winslow GE Infra Water AM-08-68 10:00am</p>	<p>Maximizing Value for Refinery "Orphan" Products Randy Velarde The Plaza Group AM-08-58 10:00am</p>	<p>Tesoro FCC Regenerator Upgrade Project, Salt Lake City Reza Sadeghbeigi RMS Engineering, Inc. AM-08-17 10:00am</p>	<p>Managing Marine Logistics: What You Don't Know CAN Hurt You Gerry Bemberg TOTAL Petrochemicals AM-08-49 10:00am</p>
	<p>GHG Emissions Performance Measurement and Management - The Missing Ruler Bill Trout Solomon Associates AM-08-38 10:30am</p>	<p>Cheyenne Yield Improvement Project - Recovering Maximum Diesel from Crude Oil Fractionation Process at Frontier Oil's Cheyenne Refinery Tony Freeman Koch Partners LP AM-08-43 10:30am</p>	<p>A Bold Move in hydrocracking catalyst selection resulted in a record run length and significant boost in hydrocracker margins Tina Swangphol Criterion Catalysts & Technologies and Zeolyst International AM-08-92 10:30am</p>	<p>A New Technology for Reducing NOx Emission from FCC Regenerators Ye-Mon Chen Shell Global Solutions (US) Inc. AM-08-16 10:30am</p>	<p>Tank Farm and Terminal Automation: Developing a Business Case Patrick Truesdale Emerson Process Management AM-08-46 10:30am</p>
<p align="center">NEP Panel:</p> <ul style="list-style-type: none"> ▪ Rick Leicht, NCRA (moderator) ▪ Jeff Bonnette, CITGO✓ ▪ Bobby Fischer, TOTAL✓ ▪ Tina Drumheller, Frontier ▪ Pat Casey, Sidley Austin LLP ▪ Mike Mayo, Valero Energy <p align="center">9:30 – 10:30 am</p>	<p>Carbon & Energy Management: Innovative Approaches for a Responsible Energy Future Marc Tice Shell Global Solutions (US) Inc. AM-08-37 11:00am</p>	<p>Diesel Recovery Options in Crude Unit Product Upgrade and Capacity Revamps Andrew Sloley CH2M AM-08-44 11:00am</p>	<p>A New Process Approach to Hydrotreating Coker Naptha Raj Patel Haldor Topsoe AM-08-88 11:00am</p>	<p>Capturing Value Through Optimization of FCC Catalyst Technology for Processing Opportunity Feedstocks Derived from Canadian Oil Sands Joseph McLean BASF Catalysts LLC AM-08-21 11:00am</p>	<p>The Dawn of a New Age in Gasoline Blend Scheduling Dean Trierwiler Haverly Systems, Inc. AM-08-86 11:00am</p>
	<p>Monitoring and Reducing a Refinery's Carbon Footprint Diego Polanco KBC Advanced Technologies, Inc. AM-08-41 11:30am</p>	<p>Rerun and Off-Spec Product Recovery: New Opportunities with Industry Wide Benefits Monica Mills INTERSOURCE LLC AM-08-85 11:30am</p>	<p>Results of Antifoulant in Delayed Coker Furnace Jeff Williams Delek Refining AM-08-93 11:30am</p>	<p>Impact of bitumen derived feeds on the FCC Keith Couch UOP LLC AM-08-20 11:30am</p>	<p>Stoichiometric Combustion Control Andy Wheeler Big West of California, LLC AM-08-48 11:30am</p>

**TUESDAY MARCH 11, 2008
2:00 PM TO 4:30 PM**

Renewable Fuels Elizabeth F	Management Elizabeth G	Workforce Elizabeth H	Reliability Manchester C	Hydrogen & Refinery Off-gas Systems Manchester A	Energy Economics Manchester B
<p>Ethanol - Absorbing the Deluge Kevin Waguespack Baker & O'Brien, Inc AM-08-77</p> <p>2:00pm</p>	<p>Gasoline or Diesel? Joseph Jacobs KBC Advanced Technologies, Inc. AM-08-59</p> <p>2:00pm</p>	<p>Where Have All the Workers Gone? Paul Weissgarber AT Kearney AM-08-72</p> <p>2:00pm</p>	<p>How Marathon Petroleum's Reliability Initiative Changed MPC Lance Holmer Marathon Petroleum Company Marty Moran Meridium Inc AM-08-64 2:00pm</p>	<p>Hydrogen Costs and Issues - Gasification vs. SMR Dale Simbeck SFA Pacific, Inc. AM-08-74</p> <p>2:00pm</p>	<p>Economics of Refinery Energy Saving Projects In a Changing Market Douglas White Emerson Process Management AM-08-62</p> <p>2:00pm</p>
<p>How will Biofuels Challenge Petroleum Refining? Ronald Cascone Bruce Burke Nexant, Inc AM-08-78</p> <p>2:30pm</p>	<p>The Potential Contribution of Coal-to-Liquids Technology to the US and Global Energy Pool Iraq Isaac Rahmim E-MetaVenture, Inc AM-08-56</p> <p>2:30pm</p>	<p>Managing the Challenges of Complex Operations and Work Force Changes. Are You Ready? Tom Ratajczak UOP LLC AM-08-69</p> <p>2:30pm</p>	<p>Gray Matter(s) in Human Reliability Jim Stephanou Bayer Corporation AM-08-67</p> <p>DO NOT PUBLISH</p> <p>2:30pm</p>	<p>Commercialization of New Low-cost H2 Recovery Process from ExxonMobil and QuestAir Technologies: Rapid-Cycle Pressure Swing Adsorption Bal Kaul ExxonMobil Research And Engineering Co. AM-08-73 2:30pm</p>	<p>Rapid Excel Modeling for the Optimization of Refinery Energy Systems Charles Der Praxair, Inc. AM-08-61</p> <p>2:30pm</p>
<p>Biofuels: New Opportunities for Co-Processing Renewable Feeds in Refinery Process Equipment Brian Watkins Grace Davison AM-08-80 3:00pm</p>	<p>Capital Projects Survey Vance Scott AT Kearney AM-08-89</p> <p>3:00pm</p>	<p>The Challenges and Rewards of Hiring Hourly Employees Clarence Trowbridge BP AM-08-70</p> <p>3:00pm</p>	<p>Wireless Retrofits for Enhanced Plant Asset Management Dave Siegel AirSprite Technologies AM-08-47</p> <p>3:00pm</p>	<p>Economic LPG Recovery from Stranded Low Pressure Gas Kevin Currence Black & Veatch AM-08-76</p> <p>3:00pm</p>	<p>Sustaining Refinery Energy Improvement Using Solomon's NCM3 Methodology Chris Bustamante Solomon Associates AM-08-60</p> <p>3:00pm</p>
<p>Converting Pyrolysis Oils to Renewable Transport Fuels: Processing Challenges & Opportunities Jennifer Holmgren UOP LLC AM-08-81 3:30pm</p>	<p>A Fresh Look at Project Evaluation & Execution James Jones Turner, Mason & Co. AM-08-57</p> <p>3:30pm</p>	<p>Enhancing Operator Effectiveness with Tools, Training and Processes David Holden Invensys Process Systems AM-08-71</p> <p>3:30pm</p>	<p>Inspection and Monitoring of Coke Drum for Life Extension and Safety Tej Chadda Foster Wheeler USA Corp AM-08-65</p> <p>3:30pm</p>	<p>Refinery Off Gas Treatment and Recovery - Challenges of Designing ROG Units Sheng-Yi Chuang Technip USA AM-08-75</p> <p>3:30pm</p>	<p>Energy Management System Nick Spates MPC AM-08-63</p> <p>3:30pm</p>
<p>Renewable Raw Materials for Fuels and Petrochemicals Production Andrea Pinho Petrobras AM-08-79 4:00pm</p>	<p>Value Engineering in an Escalating Business Environment David Nash Chicago Bridge and Iron AM-08-55</p> <p>4:00pm</p>	<p>Evolving Best Practices Through Simulation-based Training Dennis Nash Control Station Ron Smith Chevron Products Company AM-08-90 4:00pm</p>			<p>Exponential gains through incremental change Jim Brigman Ingenero Inc. AM-08-94</p> <p>4:00pm</p>

