

MONDAY MARCH 22, 2010 2:00 PM TO 5:00 PM						
Issues Session		ENVIRONMENTAL ISSUES	FCC TECHNOLOGY	ENSURING SAFE OPERATIONS	WORKFORCE ISSUES	CLIMATE CHANGE IMPACTS
2:00 PM	Climate Change Armageddon: A Primer on Current GHG Legislation, Regulation and Litigation David Friedman Greg Scott Brendan Williams NPRA	Corporate Oversight of EHS Compliance Mark Farley Pillsbury Winthrop Shaw Pittman AM-10-102	An Overview of the FCCU SCR Experience at CITGO's Lemont Refinery Dennis Salbilla Haldor Topsoe AM-10-106	Unique Safety Approach to Tracking Personnel in the Plant Along with Hazardous Gas Information Ernest Johnson/Kevin Bogard Accenture/Marathon AM-10-116	Continuous Improvement Achieved through Culture Change Donovan Kuenzli Retired Plant Manager Premcor AM-10-121	How Will Climate Change and CO2 Mitigation Policy Affect your Refinery? Iraj Isaac Rahmim CO2 Solutions LLC AM-10-129
2:30 PM		Ultra Low SO2 Stack Emissions - What is Reality? Steven Meyer MECS, Inc. AM-10-101	Method to Measure Cyanide in Carbon Dioxide Rich FCC Flue Gas Matthew Hutchinson Sunoco Inc. AM-10-111	Why Operators Keep Failing and the DCS Must Change! David Lee User Centered Design Services Inc. AM-10-112	Meeting Today's Challenges at the Shift Team Level Alex Ibanez KBC Advanced Technologies, Inc. AM-10-122	Practical Refinery Changes to Best Meet Upcoming Regulations Bill Keesom Jacobs Consultancy AM-10-125
3:00 PM		Using Reliability Analysis Techniques to Determine Environmental Emissions from Refinery Process Units and Utilities Chiron Mukherjee Det Norske Veritas AM-10-103	What is Happening Above Your Fluidized Bed? Jeff Sexton Marathon Oil Company AM-10-107	Practical Steps to Improve Process Safety Culture at Refineries Steve Arendt ABS Consulting AM-10-114	Practical Situation Awareness for Refining and Petrochemical Process Operators : Not by Technology Alone Charles Bloom Human Centered Solutions AM-10-118	Crude Oil Quality Considerations under Carbon Cap and Trade Steven Graybill NEXIDEA Incorporated AM-10-128
3:30 PM	Additional Threats – TSCA, CFATS, Tax and NSPS Initiatives David Friedman Jeff Gunnulfsen Brendan Williams NPRA	Achieve Significant Emission Reductions from Your Tank Farm Chip Breitweiser HMT Inc. AM-10-100	Co-Catalysts Provide Refiners with FCC Operational Flexibility Timothy McGuirk BASF AM-10-110	Gray Matters in Safety and Reliability James Stephanou Bayer Material Science AM-10-117	API Fatigue Management Standard Ron Chittim API AM-10-123	Impact of Climate Change Legislation on U.S. Refiners Kurt Barrow Purvin & Gertz, Inc. AM-10-126
4:00 PM		Mercury in Refinery Processes - PURASPECTM Purification Solutions Tina Moss Johnson Matthey Catalysts AM-10-105	UOP FCC Innovations Developed Using Sophisticated Engineering Tools Lisa Wolschlag UOP LLC AM-10-109	API Process Safety Metrics Standard Bill Ralph BP AM-10-115	Craft Performance Improvement Using Mentoring Processes Barbara Trautlein Change Catalysts, LLC AM-10-120	Custody Accounting 101: Special Course for Regulators. Patrick Truesdale Emerson Process Management AM-10-130
4:30 PM		Wet Air Oxidation Treatment of Spent Caustic in Petroleum Refineries Bryan Kumfer Siemens Water Technologies AM-10-104	Winning in the Downturn How to Improve FCC Unit Reliability and Reduce Costs Via Improved Cyclone Technology Ye-Mon Chen Shell Global Solutions AM-10-108	Creating a Sustainable, Self-Actualized Safety Culture Hermann Ortega, VP, Celerant Consulting AM-10-113	Recruit, Train and Assess your Maintenance Organization of Tomorrow David Crockett CenTec, Inc. AM-10-119	Greenhouse Gas Compliance: A Moving Target Randall Lack Element Markets LLC AM-10-127

TUESDAY MARCH 23, 2010					
9:30 AM TO 12:00 PM					
STRATEGIC REFINING ISSUES		FLARE OPERATIONS	HYDROGEN & HYDROCRACKING	GASOLINE PROCESSES	DISTILLATE HYDROPROCESSING
9:30 AM	Key Factors Influencing Future U.S. Refining Profitability Rick Thomas Baker & O'Brien AM-10-132	New Flare Technology Utilizing Low Pressure Steam Robert Cupp Callidus Technologies AM-10-139	1+1 = 3: Successful Hardware and Catalyst System Design Results in Expanded Hydrocracker Flexibility Kathy Wu Criterion Catalysts & Technologies AM-10-145	Advances in Naphtha Processing for Reformulated Fuels Production Joseph Ross Axens North America AM-10-148	Changing Distillate Supply Patterns for U.S. Refiners Alfred Luaces Purvin & Gertz, Inc. AM-10-151
10:00 AM	Filling the Heavy Crude Gap Stephen Jones Purvin & Gertz, Inc. AM-10-133	Flare and Flare Gas Recovery Thomas Kemp Commonwealth Engineering & Construction AM-10-136	Hydrocracking Technology Innovations for Seasonal and Economic Flexibility Roger Lawrence UOP LLC AM-10-144	A Proven Cost Effective Light Gasoline Isomerization Option Joe Gentry GTC Technology AM-10-149	ULSD Catalyst Stability: Making the Cycle Length Kimberly Fortelka BP AM-10-152
10:30 AM	US Refining – Opportunities in a Challenging Market Environment Alan Gelder Wood Mackenzie Inc AM-10-134	Assessing the Impact of Safety Instrumented Systems on Column Pressure Relief Loads Abhilash Nair Invensys AM-10-138	Impact of Greenhouse Gas Legislation on Hydrogen Plant Design and Operation Dennis Vauk Air Liquide Large Industries US LP AM-10-143	Gasoline Benzene Reduction through ExxonMobil Research and Engineering Company's Reformate Alkylation Catalytic Technology: BenzOUTTM Michael Clark ExxonMobil AM-10-147	Increase Your Hydrocracker's Robustness to Handle Challenging Feeds and Operations Louis Burns Albemarle Corporation AM-10-155
11:00 AM	Managing and Optimizing the Trade-offs in Refinery Turnarounds to Reduce Costs Brett Schroeder Asset Performance Networks, LLC AM-10-135	Real-time Compliance Flare Emissions Monitoring and Reporting Richard Hovan Rockwell Software AM-10-137	Additional Hydrogen Production by Heat Exchange Steam Reforming Jack Carstensen Haldor Topsøe A/S AM-10-141	Advances in Alkylation Technology Daniel Aiken UOP LLC AM-10-146	Impact of Processing Heavy Coker Gas Oils in Hydrocracking Units Harjeet Viridi Chevron Lummus Global AM-10-154
11:30 AM	Project Capital Cost – Review and Outlook John Jenkins Jacobs Consultancy Inc AM-10-131	Flare Metering with Optics From Blue-Sky Technology to the Real World Jody Parker, Gordon Stobie, ConocoPhillips Company AM-10-140	Oxygen Enhanced Reforming: A Low Capital Cost Retrofit Solution to Debottleneck H2 Plant Production Capacity Gregory Panuccio Praxair AM-10-142	Conversion of HF Alkylation to Sulfuric Acid Todd Vogt and Dr. Will Cross CDTECH AM-10-150	Ultrasound assisted Oxidative Desulfurization Florian J. Schattenmann SulphCo Inc AM-10-153

TUESDAY MARCH 23, 2010					
2:00 PM TO 4:30 PM					
2ND GENERATION BIOFUELS		RESID CONVERSION TECHNOLOGIES	HYDROTREATING CATALYSIS	FCC OPERATIONS & CATALYSIS	ENERGY REDUCTION TECHNOLOGIES
2:00 PM	Algae s Potential as a Major Fuel Producer Bruce Burke Nexant, Inc AM-10-156	Integrating Industry s Best Practice Technology into a New Coke Drum Facility Jeffrey Lewellen Frontier Oil, El Dorado Refining Company AM-10-162	Crossing frontiers in the performance and economic return of ULSD units Kasper Vogt Albemarle Corporation AM-10-170	FCC Opportunities at Lower Throughputs Steve Gim The Shaw Group AM-10-174	Reducing Energy Intensity - Strategic Planning Toward Carbon Limits Mark Lockhart URS Corporation AM-10-176
2:30 PM	Turning Over a New Leaf in Renewable Diesel Hydrotreating Rasmus Egeberg Haldor Topsoe A/S Lyngby, DENMARK AM-10-158	Mitigation of Delayed Coker Heater Fouling by the Application of C3's MIST Technology to the Internal Diameter of Delayed Coker Heater Tubes Roger Pelham C3 International AM-10-161	Unlocking the Potential of the ULSD Unit: CENTERA is the Key Sal Torrisi Criterion Catalysts & Technologies AM-10-169	New FCC Catalyst Design for Hydrotreated Feedstocks Rosann Schiller Grace Davison AM-10-172	Corporate Energy Optimization Initiative: Refinery Case Study Fred Hampton Valero Energy AM-10-180
3:00 PM	Advances in Pyrolysis Technology Enable 2nd Generation Feedstock Applications for Renewable Power, Heat and Transport Fuels Mark Reno Envergent TECHNOLOGIES AM-10-160	Demystifying Vacuum Tower Entrainment Celso Pajaro Sulzer Chemtech USA, Inc. AM-10-164	Modern Gasoil Hydroprocessing Antoine Fournier Axens North America AM-10-168	New Resid FCC Catalyst Technology for Maximum Distillates Yield Demonstrated in Big West Oil's Salt Lake City Refinery Martin Kraus BASF Orson Thornton Big West Oil, LLC AM-10-171	Innovative Distillation Solutions for Improved Energy Efficiency Dennis O'Brien Jacobs Consultancy AM-10-177
3:30 PM	Using Isobutanol and its Hydrocarbon Derivatives to Provide Solutions Glenn Johnston Gevo, Inc. AM-10-157	Slurry Phase Residue Hydrocracking - a Superior Technology to Maximise Liquid Yield and Conversion from Residue & Extra Heavy Oil Martin Rupp BP Oil Marketing GmbH AM-10-163	The benefits of Cat Feed Hydrotreating Per Zeuthen Haldor Topsoe AM-10-167	Optimizing & Troubleshooting the FCC Regenerator for Reduced Emissions Ray Fletcher Intercat Inc. AM-10-173	The Economics of Real Time Energy Management Martin Turk Invensys AM-10-179
4:00 PM	Non-FAME Biodiesel Chad Wocken Energy & Environmental Research Center AM-10-159	Residue Conversion Solutions To Meet North American Emissions Control Area and MARPOL ANNEX VI Marine Fuel Regulations Grant Yokomizo UOP LLC AM-10-165	Maximizing the Distillate Pool by Processing More LCO Brian Watkins Advanced Refining Technologies AM-10-166	Commercialization of GO-ULTRA, Albemarle's New Gas Oil FCC Catalyst: Optimization of Kinetic Model, and Review of Commercial Trials Bruce Adkins Albemarle Corporation AM-10-175	Technologies for Improved Refinery Gas Utilization Jeffrey Morrow Praxair AM-10-178