MONDAY, MARCH 20, 2017 2:00 PM TO 5:00 PM					
	MANAGEMENT	ALKYLATION	CRUDE OIL/RESID	FUEL REGULATIONS	MARGIN IMPROVEMENT
2:00 PM	**What Happens to U.S. Refineries When Demand Declines?** Andrew Shepard Wood Mackenzie **AM-17-01**	**ISOALKY: Next Generation Alkylate Gasoline Manufacturing Process Technology** Hye Kyung Timken Chevron **AM-17-07**	**Canadian Oil Sands at the Crossroads: Can Its Tremendous Potential Still be Realized?** Damir Raos IHS Inc. **AM-17-13**	**Industry Response to Irrational Environmental Regulations** Joseph Gentry GTC Technology **AM-17-19**	**1.2 Million B/D Margin Improvement Opportunity at U. S. Refineries** Timothy Gillis Genesis Reliability Group, Inc **AM-17-25**
2:30 PM	**Can U.S. Refiners Snatch the Global Bunker Crown?** Alan Gelder Wood Mackenzie **AM-17-02**	**Higher Octane Gasoline via Olefins Management and Alkylation** Josephine Elia UOP LLC **AM-17-08**	**What is Next for Canadian Heavy Crude**? Mike Wojciechowski Wood Mackenzie **AM-17-14**	**Meeting New Fuel Requirements – Providing a Compass in Uncertain Times** Bill Keesom Jacobs Consultancy **AM-17-20**	**Leverging the Cloud to Drive Complex-wide Profitability** Katherine Jones UOP LLC **AM-17-26**
3:00 PM	**The Impact of New Fuels and New Vechicles on the Refining Industry** Tiffany Groode IHS Inc. **AM-17-03**	**Alternatives to Alkylation; Flexible Approaches to Light Olefin Management Vital for the Dynamic Fuels Market** Geoffrey Dubin Axens NA **AM-17-09**	**Feed Entry Systems for the Modern Delayed Coking Unit** Steve Beeston Amec Foster Wheeler **AM-17-15**	**Operating Refineries in a High Cost Environment – Options for RFS Compliance** Daniel Finelt Baker & O'Brien, Inc **AM-17-21**	**Prepare, Produce, Profit: Debottlenecking Refineries through Comprehensive Feedstock Preparation** Austin Schneider Crystaphase **AM-17-27**
3:30 PM	**The Fuels Clockspeed Dilemma** Andrew Steinhubl KPMG **AM-17-04**	**A New Era in Alkylation - BTA & PTA** Nicolas Wright DuPont Clean Technologies **AM-17-10**	**Eni Slurry Techology: Maximizing Value from the Bottom-of-the-Barrel** Valentina Fabio Eni **AM-17-16**	**How will the New Bunker Fuel Rules Affect the Refining Industry?** Sandeep Sayal IHS Inc. **AM-17-22**	**Strategies for Fouling Abatement** Pankaj Desai Shell Global Solutions **AM-17-28**
4:00 PM	**Asphalt in a Changing Market Environment** Nasreen Tasker Argus Media **AM-17-05**	**From C3 to C5 Feedstocks, Alkylation Units Are Being Designed for Greater Flexibility to Take Advantage of Market Dynamics** Arvids Judzis CB&I **AM-17-11**	**Crude Oil Fingerprinting and Advanced Predictive Analytics** Conrad Teran GE Water & Process Technologies **AM-17-17**	**The Future of Gasoline: The Growing Linkages Between Mobility, CAFE, Octane and Ethanol** Kevin Lindemer IHS Inc. **AM-17-23**	**Improved Refining Margins through Feedstock Management** Chayan Bhalla Mangalore Refinery and Petrochemicals Limited, India **AM-17-29**
4:30 PM	**Setting Targets for Turnaround Durations and Budgets** Gary Fuller Solomon Associates **AM-17-06**	**Maximizing Light Olefins and High Octane Gasoline Through INDMAX FCC Technology** Rama Rao Marri CB&I (Lummus) **AM-17-12**	**What Happens When U.S. Crude Oil Production Recovers?** Matthew Chadwick Wood Mackenzie **AM-17-18**	**The Outlook for U.S. Transport Fuels: A Bumpy Road Ahead?** Linda Giesecke Wood Mackenzie **AM-17-24**	**Utilizing Cheap Gas to Maximize Refinery Profits in North America** Daniel Gillis Chevron Lummus Global **AM-17-30**

TUESDAY MORNING MARCH 21, 2017 9:00 AM TO 11:30 AM						
	RELIABILITY	HYDROCRACKING	TECHNICAL ADVANCES	FCC	PLANT AUTOMATION/ CYBERSECURITY	PROCESS SAFETY
9:00 AM	**Enhancing Refinery Reliability and Availability through Online Corrosion Monitoring** Tom Champlin Permasense **AM-17-31**	**Hydroprocessing and Hydrocracking DAO: Achieving Unlimited Cycle Lengths with the Most Difficult Feedstocks** David Schwalje Axens, NA **AM-17-35**	**Novel Approach to Controlling Contaminant Levels in Vacuum Gas Oil** Kaushik Majumder Shell Projects & Technology **AM-17-40**	**Improvements in FCCU Operation through Controlled Catalyst Withdrawals at a Marathon Petroleum Refinery** Martin Evans Johnson Matthey **AM-17-45**	**ICS Cybersecurity: Protecting the Industrial Endpoints that Matter Most** Eddie Habibi PAS **AM-17-50**	**Process Safety Site Assessment Program – Promoting a Culture of Process Safety** Andrew Broadbent American Petroleum Institute **AM-17-55**
9:30 AM	**New Perspectives on Refinery Corrosion, Integrity Management, Communications and Optimizing Opportunity Crudes** Kjell Wold Emerson **AM-17-32**	**Leveraging Hydrocracking to Upgrade Heavy, Low Value Streams** Adrienne Van Kooperen Criterion Catalysts & Technologies **AM-17-36**	**Improve Energy Efficiency of DWCs with Overhead Heat Integration** Manish Bhargava GTC Technology **AM-17-42**	**Performance Assessment of Feed Nozzle Upgrades** David Hunt Shell Global Solutions **AM-17-46**	**Cyber Security for Operational Technology – Lessons Learned, from Super Majors to Independents** Gavin Mead KPMG **AM-17-51**	**Process Safety Site Assessments – MI Results – The Good, the Bad and the Ugly** John Reynolds Intertek **AM-17-56**
10:00 AM	**Minimum Disruption Plan (MDP) to Asset Life Extension** Brian Murphy Advisian / WorleyParsons **AM-17-33**	**Repurposing Existing Hydroprocessing Assets to Maximize Refinery Gross Margin** Jay Parekh Chevron Lummus Global **AM-17-37**	**Explosive Rate Increases Using Shaped Charges** James Esteban Criterion Catalysts and Technologies L.P. **AM-17-39**	**Motiva Unlocks Value in the FCCU Through an Innovative Catalyst Solution from Rive Technology and Grace Catalysts Technologies** Karthik Rajasekaran Motiva **AM-17-47**	**Cyber Security Issues Facing the Petrochemical Industry** Jonathan Pollet Red Tiger Security **AM-17-52**	**What is Your SIS Doing When You're Not Watching?** Mark Carrigan PAS **AM-17-57**
10:30 AM	**The Importance of Pyrometer Temperature Measurement Corrections to Safe and Reliable Reformer Operation** Oliver Smith Air Products **AM-17-34**	**Understanding Catalytic Solutions for Increasing Middle Distillate Yields** Brian Watkins Advanced Refining Techologies **AM-17-38**	**Where do RIN Obligations Belong?** Mark Broadbent Wood Mackenzie **AM-17-43**	**An Action Plan to Improve FCC Unit Performance at the Marathon Galveston Bay Refinery** George Yaluris Albemarle Corporation **AM-17-48**	**Drone Cyber-Physical Attacks against Industrial Wireless** Jeff Melrose Yokogawa **AM-17-53**	**Transforming the Safety Culture – Luberef Case Study** Alfonsius Ariawan DuPont Sustainable Solutions **AM-17-58**
11:00 AM		**MIDW™ Technology as a Drop-in Catalyst Solution: Benefits of Upgrading to a Highly Isomerization-Selective Distillate Dewaxing Catalyst** Kathryn Peretti ExxonMobil **AM-17-41**	**RINs, Biofuels, and Margins: Outlooks and Strategies for RFS Compliance** Paul Niznik Argus **AM-17-44**	**Iron Poisoning Investigations Enable Opportunities for Success** Alexis Shackleford BASF **AM-17-49**	**Life Cycle Management for Non-SIS IPL's** Keith Farrell K and K Process **AM-17-54**	**Leadership's Role in Catastrophic Incident Prevention - Developing Influence through the Principals of High Reliability Safety** Michael Snyder DEKRA Insight **AM-17-59**

TUESDAY AFTERNOON MARCH 21, 2017 2:00 PM TO 4:30 PM						
	ENVIRONMENTAL	HYDROCRACKING II	REFINERY OPERATIONS	FCC II	GASOLINE	ISSUES
2:00 PM	**Characteristics of Sour Flare Gas Streams that Impact H2S Treatment Technologies** Kenneth McIntush Trimeric Corporation **AM-17-60**	**The Case for Hydrocracking** Jim Jones Turner, Mason & Company **AM-17-82**	**Mastering the Work Process of People Performance** Christopher Anderson PeopleCore, Inc **AM-17-70**	**Driving Octane in an Ultra-Low Sulfur Gasoline Market** Andy Huang Grace Catalysts Technologies **AM-17-75**	**BenzOUT™ Technology A Cost Effective Process for Octane Increase, Not Just Benzene Compliance** Terry Helton ExxonMobil **AM-17-79**	
2:30 PM	**Cost of Carbon - It's Not Just Social Anymore** Larry Darcey CITGO Petroleum Corporation **AM-17-61**	**The Building Blocks of Robust Hydroprocessing Unit Operations** Amit Kelkar Criterion Catalysts and Technologies L.P. **AM-17-66**	**New Technology Addresses Operator Training Challenges** John Roffel Honeywell Control Systems Ltd **AM-17-71**	**FCC Product Fractionation for Maximum LCO Production** Phillip Niccum KPE **AM-17-76**	**Production of Gasoline from Naphtha and Methanol at 1/3 the Current Cost** Stephen Sims NGTS North America **AM-17-80**	
3:00 PM	**Meeting 15 PPM SO2 Emissions from an FCC Unit without a WGS or CFHT** Steve McGovern CVR Energy **AM-17-62**	**ART Commercialization of New 5th Generation ISODEWAXING Catalyst** Kenny Peinado ART (Advanced Refining Technologies) **AM-17-67**	**Why Amine Systems Fail** Eduardo Sanhueza-Yanez Amine Experts Inc **AM-17-72**	**Improving FCC Economics Through Computational Particle Fluid Dynamics Simulation** Peter Blaser CPFD Software **AM-17-77**	**Global Low Carbon Fuels & Vehicles Developments: What's in Store for the Industry?** Tammy Klein Future Fuel Strategies **AM-17-81**	
3:30 PM	**Implementing Membrane Bioreactor Technology to Upgrade Marathon Petroleum's Detroit Refinery Wastewater Treatment** Brian Arntsen GE Power, Water & Process Technologies **AM-17-63**	**Tailored Hydrocracking Catalysts for Demetallized Oil Service** Omer Koseoglu Saudi Aramco **AM-17-68**	**Implementing Best Practice Shutdown, Turnaround, Outages (STO) Strategies via Integrated Planning** Matthew Popovacki T.A. Cook Consultants **AM-17-73**	**Increase Propylele & Alkylate Production and Operational Flexibility through Low Cost FCC Revamp** Michael Dorsey CB&I **AM-17-78**	**Tier III Ready: Maximizing Octane Barrels While Producing Ultra Low Sulfur Gasoline** Jignesh Fifadara Albemarle **AM-17-65**	
4:00 PM	**Emerging Use of Optical Gas Imaging to Determine Environmental Noncompliance** Brian Kapavik DiSorbo Consulting, LLC **AM-17-64**	**Refining Canadian Bitumen and Intermediate Ebulleted Bed Hydrocracking Products** John Petri UOP LLC **AM-17-69**	**Early Alerts of Flare Events** Noel Bell Emerson PSS **AM-17-74**		**Sulfur, Octane, and Petrochemicals** Rick Kolodziej GTC Technology **AM-17-83**	