

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