



AFPM 2019 Operations & Process Technology Summit - P & P Sessions

Maximizing Your Molecular Advantage

October 14 – 16, 2019

San Antonio, TX

Monday, October 14th

<p>9:00 AM Champions: Adam Ali; Liz Manning; Kathleen Wills</p>	<p>Emerging Leaders Town Hall: Join us for a lively, interactive discussion with other emerging leaders in the industry. We will kick things off with an ice breaker and then delve into topics that will help you build a successful career.</p> <ol style="list-style-type: none"> 1. <i>Ande Morin, Chevron</i> 2. <i>Liana Siegel, Marathon</i> 3. <i>Meha Jha, Emerson</i> 4. <i>Chris Turbeville, Valero</i>
<p>9:00 AM Champions: Bill Cates, Hunt Refining; Sam Lordo</p>	<p>Emerging Subject Matter Experts Forum discussion on the processes involved with becoming an SME for your company and Industry. This is to be facilitated by Industry SME's</p> <p>Topics</p> <ul style="list-style-type: none"> • SME Attributes - <i>Phillip Oberbroecking, LyondellBasell</i> • Mentoring • Resources available (Internal, conferences, technical training, etc.) • Experience • Common concerns in moving to a SME role – <i>Vance Varner, John Zink</i> • Still a pathway to manager levels – <i>Todd Marut, Becht Engineering</i> • Value statement for SME's, way to define value - <i>Dennis Haynes, NalcoChampion</i>
<p>2:00 PM Champions: Rob Carpenter, United Rentals; Russell Wiltse, Valero</p>	<p>Gasoline P&P</p> <ul style="list-style-type: none"> • Alternative alkylation technologies - current and emergent - <i>Dominic Varraveto, Burns & McDonnell</i> • General Reforming Overview. Main process objectives – <i>TBD, UOP</i> • Impact of Low Coke Operation and CCR Reforming Units - <i>Rick Grubb, Chevron</i> • Changes and strategies in ISOM feed composition in recent history and why? - <i>TBD, UOP</i>
<p>2:00 PM Champions: Chris McDowell, Marathon; Harold Eggert, Athlon, A Halliburton Company</p>	<p>Auxiliary Facilities</p> <ul style="list-style-type: none"> • Introduce Virtual Reality Demo • Controlling CO₂ Corrosion In Steam Systems - <i>Gregory Robinson, SUEZ</i> • Amine Unit – <i>Greg Sweatt, Huntsman</i> • Cooling Water Critical Exchangers - <i>Stanislav Barskov, Halliburton</i>

Tuesday, October 15th

<p>9:00 AM Champions: Sergio Robledo, Delek; Wendy Wildenberg, FHR</p>	<p>Hydroprocessing</p> <ul style="list-style-type: none"> • High Salt Diet: Chloride Management –Sources and Effects – <i>Steve Treese, Becht; Rudy Torre, Delek</i> • Reactor Effluent Diseases: Mechanisms, Case Studies, and Key Points for Long Life – <i>Mike Cayard and Wendy Wildenberg, FHR; Montri Vichailak, Marathon</i> • Digital Medicine for Live a Long Healthy Lie: Refinery of the Future – <i>KBC, Haldor Topsoe and Shell</i> • Having a Growth Spurt: Revamps for Capacity Increase in hydrotreaters and H2 units– <i>UOP and Matheson</i>
<p>2:00 PM Champions: Eric Legare, Andeavor, Jeff Zurlo, SUEZ, Maureen Price, Fluor</p>	<p>Crude/Vacuum Distillation & Coking:</p> <ul style="list-style-type: none"> • Caustic Use in Crude Units – Benefits and Risks - <i>Raul Romero, Nalco; Sylvain Fontaine, Suez; Randy Rechten, BHGE</i> • Reflections on Crude Unit Monitoring - <i>Andrew Riehl and Jim Johnson, Marathon</i> • Use of Advanced Analytics in Crude Blending and Quality Control - <i>TBD</i>

Wednesday, October 16th

<p>8:00 AM Champions: Eric Legare, Andeavor Robert Ohmes, KBC</p>	<p>Fostering Profitability:</p> <ul style="list-style-type: none">• Market Overview - <i>Linda Giesecke, ESAI</i>• Energy Improvement in a Low-Price Environment - <i>Dr. Kimberly Fick, PTA</i>• Improving Profitability through Digitalization: A Practical Viewpoint - <i>Doug White, Emerson; Simon Rogers, Yokogawa; and Honeywell UOP</i>
<p>8:00 AM Champions: Rob Riley, Grace; Alexandra Sakamoto, Shell; Ziad Jawad, P66; Matthew Wojtowicz, Honeywell; Richard Grove, Chevron;</p>	<p>FCC: Optimizing the FCC Unit Life Cycle – Turnaround to Turnaround This Principles and Practices session will look at the FCC through a lens of a full turnaround cycle – start-up to start-up. A comprehensive overview spanning tactics to maximize or hit desired run lengths while maintaining margins through proactive monitoring and utilization of emerging digitalization tools, turnaround benchmarking and scope development, planning strategies, turnaround execution best practices, and safety lessons learned. With more and more FCC engineers rotating through FCC positions without having the benefit of participating in a full turnaround cycle, this session is intended to compliment new engineers’ learnings, and facilitate a good stewardship of the FCC, while providing them with knowledge/tools to impact a successful future TA.</p> <ol style="list-style-type: none">1. <i>Darin Foote, CHS</i>2. <i>Tom Duffy, Shell Convent Refinery</i>