



# 2025 AFPM **SUMMIT**

Excellence in Plant Performance

Advance Program

August 25 - 28, 2025  
Gaylord Texan  
Grapevine, TX

[summit.afpm.org](https://summit.afpm.org)



#AFPMSummit

# Learn and Connect at the Summit!

## **The 2025 AFPM Summit: Excellence in Plant Performance is right around the corner!**

This year's Summit delivers topical keynote speeches that will have you leaning in, with over 95 best-in-class technical sessions focused on improving facility-wide performance in the refining and petrochemical industries. Get engaged in interactive sessions dedicated to the key strategies, latest innovations, and emerging technologies that will position today's refining and petrochemical facilities for operating excellence going forward. Network with industry subject matter experts and discover technical solutions immediately ready for implementation. Gain the knowledge you need to succeed and reach the Summit with us!



## Who Should Attend?

- Technical managers
- Process engineers
- Reliability leaders
- Operations managers
- Maintenance leaders
- Process control leads
- Maintenance contractors
- Technical licensors
- Turnaround planning managers
- Optimization managers
- Digital transformation change agents
- Emerging leaders
- Mechanical integrity engineers
- Process Safety and Safety managers
- Facility technical, safety and environmental staff

## Why Should You Attend?

- Network with leading experts in your field
- Explore innovative solutions to technical challenges
- Learn about operationalizing emerging technologies and actionable solutions
- Come together to celebrate our industries' achievements
- Connect with your customers
- Collaborate with your peers
- Enhance your technical knowledge and skills



## Excellence in Plant Performance

Join over 1,400 of our industries' brightest technical minds. Explore cutting-edge technical sessions and unlock invaluable networking opportunities. Sign up today!

August 2nd is the cutoff date for the official Summit hotel and early registration. Stay close to the connections, conversations and energy of the AFPM Summit and secure your spot today!

## Register Today!



## Look Who's Attending!









# Technical Expertise. Actionable Solutions.

\*Please note: Session topics, speakers, and scheduling are subject to change.

## Monday, August 25

7:00 AM	<b>28th Annual Heroes Charity Golf Tournament</b> Gulf Club at Fossil Creek, Fort Worth, TX <a href="#">Tournament Details and Registration</a>
12:00 – 5:00 PM	<b>Registration</b>
2:00 – 4:00 PM	<b>Emerging Leaders Workshop: Leadership Q&amp;A</b> <i>(Invite Only – EL Program Participants)</i> <div> <div> <b>Facilitators:</b>  <i>Kristen Becht, Becht</i>  <i>Spencer Blindauer, Axens North America</i> </div> <div> <b>Leadership Panelists:</b>  <i>Heidi Hurst, VP, Refining, CVE Toledo Refinery, Cenovus U.S. Corporation</i>  <i>Marie Sutton, Chief of Staff, Global Feedstock &amp; Energy, LyondellBasell Industries</i>  <i>Brook Vickery, President and CEO, INVISTA</i> </div> </div>
4:00 – 5:00 PM	<b>Emerging Leaders Networking Event</b>
5:00 – 7:00 PM	<b>Welcome Reception</b>

## Tuesday, August 26

7:00 – 8:00 AM	<b>Breakfast in the HUB</b>
7:00 AM – 5:00 PM	<b>Registration</b>
8:00 – 10:30 AM	<b>General Session</b> <div> <div>  <b>Welcome</b>  <i>Chet Thompson,</i>  <i>President and CEO,</i>  <i>AFPM</i> </div> <div>  <b>Lifetime Service Award</b>  <i>Phil Gaarder,</i>  <i>Executive Vice President</i>  <i>of Operations,</i>  <i>Flint Hills Resources, LLC</i> </div> <div>  <i>Jim Stump,</i>  <i>Braya Renewable Fuels</i> </div> <div>  <b>Geopolitics and Disruptive Technologies</b>  <i>Paul M. Nakasone,</i>  <i>Ret. Four-Star Army General</i> </div> <div>  <b>People, Performance &amp; Authentic Intelligence (AI 2.0)</b>  <i>Katie Mehnert,</i>  <i>CEO and Founder,</i>  <i>ALLY Energy</i> </div> <div>  <i>Robert Brelsford,</i>  <i>Downstream Editor,</i>  <i>Oil &amp; Gas Journal</i> </div> </div>
10:30 – 10:45 AM	<b>Break in the HUB</b>

## Tuesday, August 26 cont.

	World Refining Outlook	101 Series/ FCC	Fired Heater/ Lessons Learned	Artificial Intelligence/ Workforce	Reliability & Maintenance Bootcamp/ Mechanical Integrity
10:45 – 11:30 AM	<b>World Refining Outlook/Market Outlook</b>  <b>Moderator:</b> Susan Grissom, AFPM  <b>Presenter:</b> John Auers, RBN Energy	<b>Main Column Bottoms Operation and Optimization</b>  <b>Moderator:</b> Michael Allegro, BASF Corporation  <b>Presenters:</b> Ryan Brown, Marathon Petroleum Corporation Nick Turner, Honeywell UOP	<b>CSB Marathon Martinez Fired Heater Tubing Failure</b>  <b>Moderator:</b> Willis Jernigan, AFPM  <b>Presenter:</b> Melike Yersiz, US Chemical Safety Board	<b>Digital Transformation: Conditioning Your Workforce for Artificial Intelligence</b>  <b>Moderator:</b> Bruce Taylor, FurtherTec  <b>Presenters:</b> Holly Fitch, Marathon Petroleum Corporation Bobby Hammer, Big West Oil, LLC Siva Lakshmanan, DeepHow Brent Railey, Chevron Phillips Chemical Company LP	<b>When the Standards Stop: Using FEA to Push Fitness for Service Further</b>  <b>Moderator:</b> Dean Roberts, Ergon, Inc.  <b>Presenter:</b> Colin Davis, Becht
11:30 – 11:45 AM	<b>Break in the HUB</b>				
	Diamond Sponsor	101 Series/ Hydroprocessing	FCC/Lessons Learned	Digitalization	Reliability & Maintenance Bootcamp
11:45 AM – 12:30 PM	<b>Axens North America - Electronic Heaters</b>  <b>Presenter:</b> Axens North America	<b>Upstream Feed Filtration Technologies and Operating Experiences</b>  <b>Moderator:</b> Montri Vichailak, Marathon Petroleum Corporation  <b>Presenter:</b> Andres Barrios, FILTER RESOURCES An MCE Company Sidney Mondin, FILTER RESOURCES An MCE Company Brian Noto, FILTER RESOURCES An MCE Company Christina Rasmussen, Marathon Petroleum Corporation	<b>Bump it, Don't Break it!</b>  <b>Moderator:</b> Tiffany Clark, Marathon Petroleum Corporation  <b>Presenters:</b> Joe Colmone, Honeywell UOP Andishaeh Dadgar, Ketjen Corporation Zane Lopez, Delek US	<b>Digital Transformation: Exploiting The Generative Artificial Intelligence Opportunity</b>  <b>Moderator:</b> Bruce Taylor, FurtherTec  <b>Presenters:</b> Ryan Byrne, Macedon Technologies Brandon Taylor, Flatirons Digital Innovations Andrew Vignes, HF Sinclair Corporation	<b>Normalization of Deviance – The Pathway to Disaster</b>  <b>Moderator:</b> Dean Roberts, Ergon Refining, Inc.  <b>Presenter:</b> Rick Hoffman, Becht
12:30 – 2:00 PM	<b>Lunch/Exhibit in the HUB</b>				

## Tuesday, August 26 cont.

	Gold Sponsor	101 Series/Alkylation	Hydroprocessing/ Lessons Learned	FCC/Turnaround	Reliability & Maintenance Bootcamp
2:00 – 2:45 PM	<b>Schneider Electric</b> <b>The Future of Energy: Managing Molecule and Electrons</b> <b>Presenter:</b> <i>Constantine Lau,</i> <i>Schneider Electric</i>	<b>101 Series: HF Alkylation</b> <b>HF &amp; H<sub>2</sub>SO<sub>4</sub> Uncovered: Fundamentals You Need to Know</b> <b>Moderator:</b> <i>Sheila Bottjen,</i> <i>Valero Energy Corporation</i> <b>Presenter:</b> <i>Mike Teders,</i> <i>Becht</i>	<b>Major Incidents in Hydroprocessing - Tell the Stories!</b> <b>Moderator:</b> <i>Thad Sauvain,</i> <i>Becht</i> <b>Presenter:</b> <i>Jeff Johns,</i> <i>Becht</i> <i>Greg Mullek,</i> <i>Chevron U.S.A. Inc.</i>	<b>Tips and Lessons Learned for Kinetic Modeling of FCCUs</b> <b>Moderator:</b> <i>Steve Shimoda,</i> <i>Technip Energies</i> <b>Presenter:</b> <i>Bridget Cadaigan,</i> <i>Marathon Petroleum Corporation</i> <i>Alan Kramer,</i> <i>Ketjen Corporation</i>	<b>A First-Principles Approach to Root Cause Analysis and Human Error</b> <b>Moderator:</b> <i>Bill Clark,</i> <i>Phillips 66</i> <b>Presenters:</b> <i>Bill Clark,</i> <i>Phillips 66</i> <i>Mark Galley,</i> <i>ThinkReliability</i>
HUB Lounge Session	<b>HUB 1</b>	<b>HUB 2</b>	<b>HUB 3</b>	<b>HUB 4</b>	<b>HUB 5</b>
2:45 – 3:00 PM	<b>Break in the HUB</b>				
	Gold Sponsor	101 series/ Crude-Coking	Alkylation / Lessons Learned	Environmental/ FCC	Lessons Learned/ Maintenance
3:00 – 3:45 PM	<b>Baker Hughes</b> <b>Understand and Manage Overhead Corrosion Risk with only 3 KPI's</b> <b>Presenter:</b> <i>Kris Kohl,</i> <i>Baker Hughes</i>	<b>101 Series: Crude-Coking</b> <b>Coker Monitoring and KPI</b> <b>Moderator:</b> <i>Sam Lordo,</i> <i>Becht</i> <b>Presenter:</b> <i>Gary Gianzon,</i> <i>Becht</i>	<b>Lessons Learned: De-propanizer Corrosion</b> <b>Moderator:</b> <i>Liana Siegel,</i> <i>Marathon Petroleum Corporation</i> <b>Presenters:</b> <i>Liana Siegel,</i> <i>Marathon Petroleum Corporation</i> <i>Ezequiel Vicent,</i> <i>OLI Systems Inc.</i>	<b>FCC Emissions Fundamentals and Challenges</b> <b>Moderator:</b> <i>Joe Famolaro,</i> <i>Exxon Mobil Corporation</i> <b>Presenters:</b> <i>Heather Blair,</i> <i>Johnson Matthey</i> <i>Jessica Boyce,</i> <i>HF Sinclair Corporation</i> <i>Disha Sharma,</i> <i>W.R. Grace &amp; Co.</i>	<b>The Journey: Transforming Reliability Outcomes Through Technology and Maintenance Practices</b> <b>Moderator:</b> <i>Dean Roberts,</i> <i>Ergon Refining, Inc.</i> <b>Presenters:</b> <i>Jaxson O'Brien,</i> <i>CHS Inc.</i> <i>Mark Sannes,</i> <i>Flint Hills Resources, LLC</i>
HUB Lounges	<b>HUB 1</b>	<b>HUB 2</b>	<b>HUB 3</b>	<b>HUB 4</b>	<b>HUB 5</b>
3:45 – 4:00 PM	<b>Break in the HUB</b>				





## Tuesday, August 26 cont.

	Gold Sponsor	101Series/Sustainability	Crude/Lessons Learned	FCC	Maintenance
4:00 – 4:45 PM	<b>Gold Sponsor Opportunity</b>	<b>Beyond Wet Cooling Towers: Geothermal Strategies to Improve Refinery Efficiency</b> <b>Moderator:</b> <i>Alex Bruns, Nalco Water</i> <b>Presenters:</b> <i>Jay Egg, Egg Geo LLC</i> <i>Mimi Egg, Egg Geo LLC</i>	<b>Guidelines for Chemical Injection</b> <b>Topic 1. Proper Configuration for Chemical Addition Applications</b> <b>Topic 2. Special Case Study for Caustic Injection</b> <b>Moderator:</b> <i>Tim Oubre, Halliburton</i> <b>Presenters:</b> <i>Tim Oubre, Halliburton</i> <i>Jeff Zurlo, TotalChem, LLC</i>	<b>Lessons Learned from Run Length Reliability of FCC Slide Valves</b> <b>Moderator:</b> <i>Ziad Jawad, Phillips 66</i> <b>Presenters:</b> <i>Virgil Guzman, Circor</i> <i>Jeremy Meadows, Circor</i> <i>Jason Saltzman, Exxon Mobil Corporation</i> <i>Wally Stinson, Exxon Mobil Corporation</i> <i>Luke Sutcliffe, Phillips 66</i>	<b>Electrical Reliability Practices</b> <b>Moderator:</b> <i>Bill Clark, Phillips 66</i> <b>Presenter:</b> <i>Jim Payne, Phillips 66</i>
HUB Lounges	<b>HUB 1</b>	<b>HUB 2</b>	<b>HUB 3</b>	<b>HUB 4</b>	<b>HUB 5</b>
4:45 – 6:15 PM	<b>Happy Hour/Exhibit/Sponsored Rooms in the HUB</b>				

## Wednesday, August 27

7:00 – 8:00 AM	<b>Breakfast in the HUB</b>						
7:00 AM – 4:00 PM	Registration						
	Sustainability	Crude-Coking	Reliability & Maintenance Bootcamp	FCC	Alkylation	Gasoline Processes/ Naphtha Hydrotreating	Optimization
8:00 – 8:45 AM	<b>Consumer Choice: Future of the Automotive Industry</b> <b>Moderator:</b> <i>Matt Goodman, Marathon Petroleum Corporation</i> <b>Presenter:</b> <i>John Howard, Experian Automotive</i>	<b>Crude-Coking Q&amp;A, Part 1</b> <b>Moderators:</b> <i>Hector Gamboa – Arizpe, CITGO Petroleum Corporation</i> <i>Jacob Young, Petroval S.A.</i> <b>Panelists:</b> <i>Mark Cox, Marathon Petroleum Corporation</i> <i>Gary Gianzon, Becht</i> <i>Kamur Bantwal Rama, HF Sinclair Corporation</i> <i>Graylon Williams, Nalco Energy Services</i>	<b>Capital Projects: Project Life Cycle Costs</b> <b>Moderator:</b> <i>Bill Clark, Phillips 66</i> <b>Presenter:</b> <i>Dean Roberts, Ergon Refining, Inc.</i>	<b>Shaking the Shake Test with a UOP Mercaptide Sensor</b> <b>Moderator:</b> <i>Lon Schuckman, CHS Inc.</i> <b>Presenter:</b> <i>Jessy Trucko, Honeywell UOP</i>	<b>Emerging Technologies for Alkylation</b> <b>Moderator:</b> <i>Liana Siegel, Marathon Petroleum Corporation</i> <b>Presenters:</b> <i>Bhavdip Kalaria, KBR</i> <i>Jon Keuler, Honeywell UOP</i> <i>Mark Rasmussen, Chevron U.S.A. Inc.</i>	<b>Hitting for the Cycle: Covering All the Bases in NHT Fouling Mitigation</b> <b>Moderator:</b> <i>Rhett Finch, Marathon Petroleum Corporation</i> <b>Presenters:</b> <i>Nandita Akunuri, Axens North America</i> <i>Amanda Cavazos, Marathon Petroleum Corporation</i> <i>Rhett Finch, Marathon Petroleum Corporation</i> <i>Leslie Johnson, Crystaphase</i>	<b>Process Controls 101: Back to the Basics</b> <b>Moderator:</b> <i>Atique Malik, AIControl LLC</i> <b>Presenters:</b> <i>Joe Boyce, Marathon Petroleum Corporation</i> <i>Scott Flanagan, Marathon Petroleum Corporation</i> <i>Tim Olsen, Emerson Automation Solutions</i>

## Wednesday, August 27 cont.

HUB Rooms	HUB 1	HUB 2					
8:45 – 9:00 AM	Break in the HUB						
	Sustainability	Crude–Coking	Reliability & Maintenance Bootcamp	Hydroprocessing	Alkylation/FCC	Environmental/ Gasoline Processes/Isom/ Reforming	Optimization
9:00 – 9:45 AM	<b>Fueling the Low-Carbon Fuels Transition: Policy Complexity, Global Demand, and the Role of Agriculture</b>  Moderator: Doug Beshara, Merrick & Company  Presenters: Chad Asmus, BASF Corporation Kristine Klavers, EcoEngineers	<b>Crude–Coking Q&amp;A, Part 2</b>  Moderators: Hector Gamboa – Arizpe, CITGO Petroleum Corporation Jacob Young, Petroval S.A.  Panelists: Mark Cox, Marathon Petroleum Corporation Gary Gianzon, Becht Kamur Bantwal Rama, HF Sinclair Corporation	<b>Maintenance Common Work Practices</b>  Moderator: Mike DeHart, Valero Energy Corporation  Presenters: John Duenckel, Valero Energy Corporation Tom Golden, LyondellBasell Industries	<b>Tips &amp; Tricks for Mitigating Threats to Hydroprocessing Exchanger Health Part 1</b>  Moderators: Delbert Grotewold, Veolia Water Technologies & Solutions Wendy Wildenberg, Flint Hills Resources, LLC  Presenters: Wendy Wildenberg, Flint Hills Resources, LLC Carson Wright, Flint Hills Resources, LLC	<b>Contaminants from FCC to Alky</b>  Moderator: Tyner Devine, Flint Hills Resources, LLC  Presenters: Javier Rios, Honeywell UOP Liana Siegel, Marathon Petroleum Corporation	<b>Unlocking the Future of Refining: The Transformative Power of Perchloroethylene (PCE or PERC) – Regulations, Safety, and Sustainability</b>  Moderator: Alex Kniuksta, Honeywell UOP  Presenter: Scott Wozniak, Honeywell UOP	<b>Closed-Loop Optimization: Old School vs. New School</b>  Moderator: Patrick Robinson, PBF Energy Inc.  Presenters: Chuck Johnston, Marathon Petroleum Corporation GT McDaniel, Marathon Petroleum Corporation Abhay Singh, Motiva Enterprises LLC
HUB Rooms	HUB 1	HUB 2					
9:45 – 10:00 AM	Break in the HUB						
	Sustainability	Crude–Coking	Mechanical Integrity	Hydroprocessing	Alkylation	Training	Optimization
10:00 – 10:45 AM	<b>Renewables Process Safety: An Operator's Perspective Part 1</b>  Moderator: Eric Legare, Chevron U.S.A. Inc.  Panelists: Paul J. Dofton, Marathon Petroleum Corporation Stephanie Hadden, Chevron U.S.A. Inc. Kamyar Keyvanloo, Phillips 66 Maggie McDaniel, Montana Renewables LLC	<b>Crude – Coking Townhall Pt. 1</b> <b>1. Slop Oil Reprocessing</b> <b>2. Vacuum Tower Washbed Maintenance</b>  Moderators: Greg Cantley, Marathon Petroleum Corporation Robert Graham, HF Sinclair Corporation	<b>Is Carbon Steel Intergranular Stress Corrosion Cracking a New Emerging Industry Problem?</b>  Moderator: Jaxson O'Brien, CHS Inc.  Presenter: Duane Serate, Suncor Energy Inc.	<b>Tips &amp; Tricks for Mitigating Threats to Hydroprocessing Exchanger Health Part 2</b>  Moderators: Delbert Grotewold, Veolia Water Technologies & Solutions Wendy Wildenberg, Flint Hills Resources, LLC  Presenters: Justin Irick, Veolia Water Technologies & Solutions Robert Rountree, Monroe Energy, LLC	<b>Maintenance Practices Specific to HF Alkylation Units</b>  Moderator: Bill Clark, Phillips 66  Presenter: Sheila Bottjen, Valero Energy Corporation	<b>Preview! The Debut of AFPM's Next Virtual Reality Simulation</b>  Moderator: Timothy Chappell, Exxon Mobil Corporation  Presenter: Timothy Chappell, Exxon Mobil Corporation Cheryl Gonzalez, Cheniere Energy	<b>Enhancing Refinery Margins: Real-time Optimization through Aspen Generic Dynamic Optimization Technology (GDOT)</b>  Moderator: Rob Confair, Marathon Petroleum Corporation  Presenters: Manoj Shouche, Aspen Technology, Inc. Abhay Singh, Motiva Enterprises LLC
HUB Rooms	HUB 1	HUB 2					
10:45 – 11:00 AM	Break in the HUB						




## Wednesday, August 27 cont.

	Sustainability	Crude-Coking	Mechanical Integrity	Hydroprocessing/ Maintenance	Alkylation	Lessons Learned	Artificial Intelligence/ Optimization
11:00 – 11:45 AM	<b>Renewables Process Safety: An Operator's Perspective Part 2</b>  <b>Moderator:</b> Eric Legare, Chevron U.S.A. Inc.  <b>Panelists:</b> Paul J. Dofton, Marathon Petroleum Corporation Stephanie Hadden, Chevron U.S.A. Inc. Kamyar Keyvanloo, Phillips 66 Maggie McDaniel, Montana Renewables LLC	<b>Crude – Coking Townhall Pt. 2</b>  <b>3. Preheat Train Monitoring Methods</b>  <b>Moderators:</b> Greg Cantley, Marathon Petroleum Corporation Robert Graham, HF Sinclair Corporation	<b>Metrology Tools Applied to Maintenance and Repair Processes</b>  <b>Moderator:</b> Bill Clark, Phillips 66  <b>Presenter:</b> Clayton Daigle, Phillips 66	<b>Hydroprocessing Shutdown Optimization and Passivation Integration</b>  <b>Moderator:</b> Montri Vichailak, Marathon Petroleum Corporation  <b>Presenters:</b> Breanna Busker, Refined Technologies	<b>Acid Runaway (HF and Sulfuric Acid)</b>  <b>Moderator:</b> Wade Hollman, Phillips 66  <b>Presenters:</b> Wade Hollman, Phillips 66 Liza Pacheco, Marathon Petroleum Corporation	<b>Fired Heater Flooding</b>  <b>Moderator:</b> Sam Lordo, Becht  <b>Presenters:</b> Jose Corcega, John Zink Bill Weimer, John Zink	<b>AI Plant Control: A Reinforcement Learning Approach to Process</b>  <b>Moderator:</b> Atique Malik, AIControl LLC  <b>Presenters:</b> Rajeev Limaye, Linde Advanced Operations Services Lena Tetampel, Linde Engineering Munich Germany
11:45 AM – 1:15 PM	<b>Lunch/Exhibit in the HUB</b>						
	Gasoline Processes/ Sustainability	Crude-Coking	Mechanical Integrity	Hydroprocessing	FCC	Walk the Line	Abnormal Situation Management
1:15 – 2:00 PM	<b>SAF Operations – Early Learnings, Challenges and Opportunities</b>  <b>Moderator:</b> Eric Legare, Chevron U.S.A. Inc.  <b>Panelists:</b> Ramin Ahbari, Chevron Renewable Energy Group Daniel Carlson, Montana Renewables LLC	<b>Prevention and Mitigation of Pyrophoric Fires Townhall</b>  <b>Moderators:</b> Diana Cheek, Chevron U.S.A. Inc. Katie Marshall, Refined Technologies, Inc.  <b>Presenters:</b> Diana Cheek, Chevron U.S.A. Inc. Katie Marshall, Refined Technologies, Inc. Dan Wood, HF Sinclair Corporation	<b>Applying Mechanical Integrity Programs to Rotating Equipment</b>  <b>Moderator:</b> Bill Clark, Phillips 66  <b>Presenter:</b> Carlos Acosta, Phillips 66	<b>Hydroprocessing Feed Flexibility</b>  <b>Moderator:</b> Derek Blackwell, Chevron Products Company  <b>Panelists:</b> Oscar Brown, Valero Energy Corporation Anthony Galando, Chevron Lummus Global Jacob Lundmark, Flint Hills Resources, LLC Krishnan Vaidyanathan, Honeywell UOP	<b>Breakthrough Research Leads to Major FCC Catalyst Iron Tolerance Advancements</b>  <b>Moderator:</b> Andrew Mezera, Valero Energy Corporation  <b>Presenters:</b> Tyner Devine, Flint Hills Resources, LLC Shankhamala Kundu, W.R. Grace & Co. Jeremy Mayol, Johnson Matthey	<b>Walk the Line</b>  <b>Moderator:</b> Lawrence Moreaux, LyondellBasell  <b>Presenters (Invited):</b> Representative, Flint Hills Resources	<b>The Benefits of Good Alarm Management</b>  <b>Moderator:</b> Tim Olsen, Emerson Automation Solutions  <b>Presenters:</b> Steve Gill, HF Sinclair Corporation Troy Jones, Motiva Enterprises LLC Cristina Pirataie, Puffer-Sweiven
HUB Rooms	<b>HUB 1</b>	<b>HUB 2</b>					
2:00 – 2:15 PM	<b>Break in the HUB</b>						



## Wednesday, August 27 cont.

	Sustainability	Fired Heater/ Hydroprocessing/ Lessons Learned	Mechanical Integrity	Crude-Coking	FCC	Walk the Job	Emerging Leaders
2:15 – 3:00 PM	<b>E-Fuels Pathway and Cost of Production</b>  <b>Moderator:</b> Keith Couch, Honeywell UOP  <b>Presenters:</b> Alan Gelder, Wood Mackenzie Kevin Lindemer, S&P Global	<b>Heater Tube Safety – Lesson Learned</b>  <b>Moderator:</b> Diane Dierking, Johnson Matthey  <b>Presenters:</b> Scott McArthur, Phillips 66 Edgar Remedios, FOERSTER Instruments Inc. Oliver Smith, Air Products and Chemicals	<b>Blast it Off and Raise the Roof: Motiva's Experience with Robotic Tank Cleaning and Pneumatic Roof Raising</b>  <b>Moderator:</b> Gerard Celestine, Motiva Enterprises LLC  <b>Presenters:</b> Sterling Gregg, Motiva Enterprises LLC Adam Martin, Allstream Services & Rental, LLC Marshall Rayborn, Specialty Tank Services	<b>Family Feud: How Crude Are You?</b>  <b>Moderators:</b> Diana Cheek, Chevron U.S.A. Inc. Katie Marshall, Refined Technologies, Inc.  <b>Presenter:</b> Lance Broussard, Refined Technologies, Inc.	<b>Cracking the Code: FCC Turnaround Good Practices for Process Engineers</b>  <b>Moderator:</b> Todd Hochheiser, Johnson Matthey  <b>Presenters:</b> Ben Ellebrecht, Phillips 66 Nate Hager, Cenovus U.S. Corporation Herb Telidetzki, Becht	<b>Walk the Job</b>  <b>Moderator:</b> Willis Jernigan, AFPM  <b>Presenters:</b> Drew Ashcraft, Brock David Folmar, STARCON Ben Way, Phillips 66	<b>Lead with Influence: Succeed Right Where You Are</b>  <b>Moderator:</b> Liz Manning, Cheniere Energy  <b>Presenters:</b> Ben Krueger, LyondellBasell Industries Shannon McAvoy, ReNu Technologies Sarah Peery, Marathon Petroleum Corporation
HUB Rooms	<b>HUB 1</b>	<b>HUB 2</b>					
3:00 – 3:15 PM	<b>Break in the HUB</b>						
	Hydroprocessing/ Sustainability	FCC/Fired Heater/Lessons Learned	Lessons Learned/ Mechanical Integrity	Gasoline Processes/ Reforming	Human & Organizational Performance	Environmental/ Sustainability	Emerging Leaders
3:15 – 4:00 PM	<b>Sustainable Aviation Fuel Co-Processing</b>  <b>Moderator:</b> Cliff Avery, Ketjen Corporation  <b>Panelist:</b> Daniel Hussman, Sunoco	<b>Ensuring Safe and Efficient Transitions from Full Burn to Partial Burn</b>  <b>Moderator:</b> Joe Colmone, Honeywell UOP  <b>Presenters:</b> Luis Bougrat, W.R. Grace & Co. Zach Word, Phillips 66	<b>Lessons Learned: The Critical Role of Wash Water Reliability in Mechanical Integrity Systems</b>  <b>Moderator:</b> Dean Roberts, Ergon Refining, Inc.  <b>Presenter:</b> Adrian Azpilicueta, Nalco Water	<b>Maintaining and Upgrading CCR Reforming Reactor and Regeneration Tower Internals to Increase Unit Reliability</b>  <b>Moderator:</b> Alex Kniutska, Honeywell UOP  <b>Presenters:</b> Rhett Finch, Marathon Petroleum Corporation Alex Kniutska, Honeywell UOP Thomas Porritt, Chevron U.S.A., Inc.	<b>Tools You Can Use for Operational Learning</b>  <b>Moderator:</b> TBD  <b>Presenter:</b> TBD	<b>Refinery Wastewater Upset Lessons Learned: Maintaining Production and Avoiding Negative Environmental Impacts</b>  <b>Moderator:</b> Dan Harbs, Veolia Water Technologies & Solutions Corporation  <b>Presenters:</b> Angela Wharton, Chevron U.S.A. Inc. Kai Zhang, Chevron U.S.A. Inc.	<b>Lead with Influence: Stepping into New Roles</b>  <b>Moderator:</b> Liz Manning, Cheniere Energy  <b>Presenters:</b> Ben Krueger, LyondellBasell Industries Shannon McAvoy, ReNu Technologies Sarah Peery, Marathon Petroleum Corporation
HUB Rooms	<b>HUB 1</b>	<b>HUB 2</b>					
4:00 – 4:15 PM	<b>Break in the HUB</b>						
4:15 – 6:00 PM	<b>Women in Industry Panel</b> <b>Panelist:</b> <div>  Tina Craft, CEO, Axens ROC Americas            Michele McNicol, CEO &amp; Co-Founder, Arion Blue            Stevie Toupes, CEO, Turner Industries         </div>						

## Thursday, August 28

8:00 – 9:00 AM	<b>Breakfast in the HUB</b>						
	<b>Crude-Coking</b>	<b>Sustainability</b>	<b>Gasoline Processes / Reforming</b>	<b>Hydroprocessing/ Process Controls</b>	<b>FCC</b>	<b>Digitalization</b>	<b>Turnaround Roundtable</b>
9:00 – 9:45 AM	<b>Experiences with New Chemical Additives in Refinery Operations</b>  <b>Moderator:</b> Graylon Williams, Nalco Energy Services  <b>Topic 1. Low Silica Anti-foam in Coker Units</b>  <b>Presenter:</b> Adrian Azpilicueta, Nalco Water  <b>Topic 2. H2S and Mercaptan Scavenger Contamination of Crude Oils</b>  <b>Presenter:</b> Rich Tereba, Baker Hughes	<b>What to Know About Water Intensity and How to Measure It</b>  <b>Moderator:</b> Dan Harbs, Veolia Water Technologies and Solutions  <b>Presenters:</b> Johnny Dorminey, Chevron U.S.A. LLC Dan Harbs, Veolia Water Technologies and Solutions	<b>Increasing Reliability in Cyclic Reformers</b>  <b>Moderator:</b> Alex Sabitov, Phillips 66  <b>Presenter:</b> Greg Marshall, Becht	<b>Hydrocracking 101: Controls &amp; Optimization</b>  <b>Moderator:</b> Michael Mitzner, Axens North America  <b>Presenters:</b> Vidyashankar Kuppuraj, Marathon Petroleum Corporation Chad Perrott, Axens North America Rajan Rathinasabapathy, Marathon Petroleum Corporation	<b>The Octane Boost: How FCC Chemistry and Ingenuity Come Together</b>  <b>Moderator:</b> CJ Farley, G. W. Aru, LLC  <b>Presenters:</b> Brady Burton, Marathon Petroleum Corporation Alexis Shackelford, BASF Corporation	<b>Digital Twin: Leveraging Sustained Cross Functional Value</b>  <b>Moderator:</b> Craig Harclerode, PI AF Consulting  <b>Presenters:</b> Sara Gall, Phillips 66 Ryan Guillory, Marathon Petroleum Corporation	<b>Turnaround Bookends Panel: Good Practices for Startup/Shutdown Operations</b>  <b>Moderator:</b> Andrew Jakubowski, Flint Hills Resources, LLC  <b>Presenters:</b> Kevin Honaker, Phillips 66 Lou Hooks, Chevron Phillips Chemical Company LP Andy Munsen, Flint Hills Resources, LLC Kendal Williams, Refined Technologies, Inc.
9:45 – 10:00 AM	<b>Break in the HUB</b>						
	<b>Crude-Coking/ Environmental</b>	<b>Sustainability</b>	<b>Gasoline Processes/ Reforming</b>	<b>Hydroprocessing</b>	<b>FCC</b>	<b>Abnormal Situation Management</b>	<b>Turnaround Roundtable</b>
10:00 – 10:45 AM	<b>PFAS Regulatory Update and Strategies</b>  <b>Moderators:</b> Greg Cantley, Marathon Petroleum Corporation Sylvain Fontaine, Veolia Water Technologies & Solutions  <b>Presenters:</b> John Bigham, Marathon Petroleum Corporation Jeff Gunnulfsen, AFPM Todd Kato, Veolia Water Technologies & Solutions	<b>Unlocking Energy Value Using Benchmarking, Treasure Hunts and Roadmaps</b>  <b>Moderator:</b> Karen Green, Marathon Petroleum Corporation  <b>Presenters:</b> Allan Buikema, Solomon Insight Robert Tsai, Chevron U.S.A. Inc. Chao Wang, Marathon Petroleum Corporation	<b>Jeopardy: Reforming and Isom 101</b>  <b>Moderator:</b> Thomas Porritt, Chevron U.S.A. Inc.  <b>Presenter:</b> Santiago Hernandez, Chevron U.S.A. Inc.	<b>Hydroprocessing Q&amp;A Panel: Next-Gen Influencers</b>  <b>Moderator:</b> Sergio Robledo, Unicat Catalyst Technologies  <b>Panelists:</b> Nels Erickson, Flint Hills Resources, LLC Megan Macciomei, Marathon Petroleum Corporation Franz Petzold, Clariant Corporation Matt Stephens, Valero Energy Corporation Lan Truong, Axens North America  <b>Sponsor:</b> Topsoe, Inc.	<b>Air/Hydrocarbon: DON'T LET THEM MIX!</b>  <b>Moderators:</b> Joe Famolaro, Exxon Mobil Corporation Richard Grove, AFPM	<b>Abnormal Situational Prevention</b>  <b>Moderator:</b> Tim Olsen, Emerson Automation Solutions  <b>Presenters:</b> Carlos Acosta, Phillips 66 Vance Flosenzier, INVISTA David Lee, User Centered Design Services, Inc. Marsha Wisely, Athion	<b>Lifting Robots Enhance Efficiency and Safety</b>  <b>Moderator:</b> Andrew Jakubowski, Flint Hills Resources, LLC  <b>Presenters:</b> Derek Chaplin, Flint Hills Resources, LLC Artem Kuchukov, Kewazo Inc.
10:45 – 11:00 AM	<b>Break in the HUB</b>						



## Thursday, August 28 cont.

	Crude-Coking		Gasoline Processes/Isom/Reforming	Hydroprocessing	FCC	Sustainability	Lessons Learned/Turnaround Roundtable
11:00 AM - 12:00 PM	<b>Maximizing Process Uptime through Sonic &amp; Ultrasonic Cleaning Technologies</b>  <b>Moderator:</b> Mark Cox, Marathon Petroleum Corporation  <b>Presenter:</b> Russell Phillon, Orange CleanTech		<b>Reforming/ Isom Safety and Reliability Q&amp;A</b>  <b>Moderator:</b> Russ Wiltse, Valero Energy Corporation  <b>Panelists:</b> Rhett Finch, Marathon Petroleum Corporation Matt Hutchinson, Axens North America Alex Kniuksta, Honeywell UOP Thomas Porritt, Chevron U.S.A., Inc. Alex Sabitov, Phillips 66 Russ Wiltse, Valero Energy Corporation	<b>Hydroprocessing Q&amp;A Panel: Next-Gen Influencers</b>  <b>Moderator:</b> Sergio Robledo, Unicat Catalyst Technologies  <b>Panelists:</b> Nels Erickson, Flint Hills Resources, LLC Megan Macciomei, Marathon Petroleum Corporation Franz Petzold, Clariant Corporation Matt Stephens, Valero Energy Corporation Lan Truong, Axens North America	<b>Ask SME Anything Q&amp;A Session</b>  <b>Moderator:</b> Steve Jewell, KBR  <b>Panelists:</b> CJ Farley, G. W. Aru, LLC Ziad Jawad, Phillips 66 Patrick McSorley, Ketjen Corporation Andrew Mezera, Valero Energy Corporation Raj Singh, Technip Energies	<b>Future Energy - Small Module Reactor Technology</b>  <b>Moderator:</b> Bruce Taylor, FurtherTec  <b>Presenter:</b> Pavel Tsvetkov, Texas A&M University	<b>Lessons for Success: Mastering Project and Turnaround Integration</b>  <b>Moderator:</b> Andrew Jakubowski, Flint Hills Resources, LLC  <b>Presenters:</b> Sarah Earl, Chevron Phillips Chemical Company LP Jimmy Mendler, Chevron Phillips Chemical Company LP



## Spotlights:



### Emerging Leaders

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**Monday, August 25**

- Emerging Leaders Workshop: Leadership Q&A
- Emerging Leaders Networking Event

**Wednesday, August 27**

- Emerging Leaders: "Leading with Influence"



### Presentation of the Lifetime Service Award

Learn from and recognize two leaders for the outstanding contributions they've made to AFPM and the industries they represent.

**Phil Gaarder,**  
*Executive Vice President of Operations,  
Flint Hills Resources, LLC*

**Jim Stump,**  
*Braya Renewable Fuels*

**Tuesday, August 26**



### Women in Industry

Join us for WINI!

All attendees should take advantage of opportunities to Engage, Learn, Connect.

**Wednesday, August 27**

**Join us for the General Session!**



### Geopolitics and Disruptive Technologies

**Paul M. Nakasone,**  
*Ret. Four-Star Army General*



### People, Performance & Authentic Intelligence (AI 2.0): Katie Menhert's Secret Sauce for Workforce Growth

**Katie Menhert,**  
*CEO and Founder, ALLY Energy*

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### Hours

Monday, August 25  
12:00 PM - 5:00 PM CDT  
Tuesday, August 26  
7:00 AM - 5:00 PM CDT  
Wednesday, August 27  
7:00 AM - 5:00 PM CDT  
Thursday, August 28  
8:00 AM - 11:00 AM CDT



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