

October 18-20, 2022 Grand Hyatt San Antonio San Antonio, TX

The **ONLY** conference for the petroleum refining and petrochemical industries focused on improving plant-wide performance

Register Today



Learn and Connect at the Summit



The 2022 AFPM Summit: **Excellence in Plant Performance is right around the corner!**

The Summit delivers world-class technical sessions dedicated to improving plant-wide performance in the refining and petrochemical industries. Join and network with dedicated industry subject matter experts in San Antonio to discover the latest strategies and emerging innovations, and find immediate solutions to implement at the site level. With over 70 sessions, we guarantee to deliver the curriculum you need to succeed.

Who Should Attend?

- Technical Managers
- Process Engineers
- Reliability Leaders
- Operations Managers
- Maintenance Leaders
- Process Control Leads

- Contractors
- Technical Licensors
- Turnaround Planning Managers
- Optimization Managers
- Digital Transformation Change Agents
- Emerging Leaders

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 industry's achievements
- Connect with your customers
- Collaborate with your peers

Register Today!



We are so excited to once again, deliver the benefits of an in-person event! Participants can take advantage of 70 educational sessions along with many opportunities to network with peers. In addition, we're offering a completely new way to interact with our exhibitors. It won't look like any exhibit hall you've seen before. We can't wait to see vou!

Technical Expertise. Actionable Solutions.

Hours

2:30 PM -7:00 PM CDT

Wednesday, October 19 8:00 AM - 5:30 PM CDT

Tuesday, October 18

Thursday, October 20

Monday, October 17

2:30 - 3:30 PM	Ethics Training Ethics Training presented by Valero Energy Corporation Fulfill your PE requirement at this Ethics for Engineers session. We each have a responsibility to act with integrity and uphold the highest standards in all that we do. In this interactive session we will provide you with a tool to use when faced with an ethical decision as well as provide real world scenarios to practice making ethical decisions.
4:00 - 5:00 PM	Emerging Leaders and First Time Attendees Event
5:00 - 7:00 PM	Old West Welcome Reception in the Grotto

Tuesday, October 18

9:00 - 9:30 AM	Welcome Chet Thompson, President and CEO, AFPM Presentation of the Lifetime Service Award Recognizing individuals who have made outstanding contributions to the AFPM and the industries they represent.								
9:30 - 10:00 AM		World Refining Outlook John Auers, Managing Director, RBN Energy LLC Chet Thompson, President and CEO, AFPM							
10:00 - 11:00 AM	Keynote Speaker Michelle Poler "Fear Less, Do More: 100	Keynote Speaker Michelle Poler "Fear Less, Do More: 100 Days of Fears"							
11:00 AM - 12:30 PM	Lunch in the Hub								
	Digitalization	Reliability/Maintenance/ Turnaround	Learning from Incidents and Process Safety	Sponsored Content					
12:30 - 1:15 PM	How Data Science and Analytics are Transforming the Technical Workforce Facilitator: Brent Railey, Chevron Phillips Chemical Company LP Speakers: Morgan Bowling, Seeq Corporation	Case Study: Digital Turnaround for Any Size Turnaround or Site Facilitator: Andy Woods, Chevron Phillips Chemical Company LP Speakers: Billy Brian, Delek US Daniel Goulet, Mobideo	Lessons Learned from CSB Investigations Facilitator: TBD Speaker: Representative, US Chemical Safety Board	Decarbonization Starter Pack for Scope Emissions Framework, Reduction & Monitoring Honeywell UOP Speaker: J. Mark Houdek					

Tuesday, October 18 continued

	Digitalization	Reliability/Maintenance/ Turnaround	Learning from Incidents and Process Safety	Sponsored Content				
1:15 - 1:30 PM	Break							
1:30 - 2:15 PM	Open Process Automation Takes the Next Big Step Forward Facilitator: Michael Barham, Marathon Petroleum Corporation Speakers: Mark Hammer, Yokogawa David Debari, ExxonMobil Corporation	Supplier Relationship Management for Routine Maintenance Part 1 Facilitators: Gerard Celestine, Motiva Enterprises LLC and Herb Haught, CVR Energy, Inc. Speakers: Bobby Tupper, Motiva Enterprises LLC Mark Hutton, Motiva Enterprises LLC Steve Brisendine, Echo Maintenance LLC	Lessons Learned Pine Bend Refinery, Flint Hills Resources Speaker: Representative, Flint Hills Resources	Sponsorships Available Contact sponsorships@afpm.org for more information.				
2:15- 2:30 PM	Break							
2:30- 3:15 PM	Immersive Learning Demonstration Facilitator: TBD Speaker: Tyler Veenstra, Marathon Petroleum Company	Supplier Relationship Management for Routine Maintenance Part 2 Facilitators: Gerard Celestine, Motiva Enterprises LLC and Herb Haught, CVR Energy, Inc. Speakers: Bobby Tupper, Motiva Enterprises LLC Mark Hutton, Motiva Enterprises LLC Steve Brisendine, Echo Maintenance LLC	Case Study From Galveston Bay Lift Station Incident Facilitator: TBD Speaker: Ken Bloch, Marathon Petroleum Corporation	Sponsorships Available Contact sponsorships@afpm.org for more information.				
3:15- 3:30 PM	Break							
	Advanced Process Controls	Community Engagement and Communications	Learning from Incidents and Process Safety	Sponsored Content				
3:30- 4:15 PM	Extensions in Advanced Process Control (APC): Supplementing APC with Machine Learning Technologies Facilitator: Tracy Sadowski, Monroe Energy LLC Panelists: Alex Kalafatis, Aspen Technology, Inc. Vikram Gokhale, Chevron USA Inc. Rajan Rathinsabapathy, Phillips 66	Alkylation: High Octane Advocacy for HF/MHF Catalysts Facilitator: TBD Speaker: Michael Karlovich, PBF Energy, Inc.	Corrosion Fatigue Case in BCU: Causes Factors and Mitigation Facilitator: TBD Speaker: Alex Mathew, Bharat Petroleum Corporation	Sponsorships Available Contact sponsorships@afpm.org for more information.				
4:15 - 4:30 PM	Break							
4:30- 5:15 PM		AFPM EMpower Facilitators: Charlie Turner, AFPM and Ericka Perryman, AFPM	Renewables Process Safety Facilitator: Eric Legare, Phillips 66 Speakers: Curt Hemphill and Kristen Hildebrand, Burns & McDonnel Rich Smith, Chevron U.S.A. Inc Priyesh Thakker, Topsoe	Sponsorships Available Contact sponsorships@afpm.org for more information.				
5:15- 5:30 PM	Happy Hour in the Hub							

Wednesday, October 19

	Sustainability	Maintenance	Hydroprocessing	Crude/Coking	FCC	Alarm Management	
8:00 - 8:45 AM	U.S. Refining Outlook Facilitator: Jeff Sexton, Marathon Petroleum Corporation Speakers: Mike Achacoso, Solomon Associates LLC Alan Gelder, Wood Mackenzie (Invited)	Maintenance Work through the Human Organizational Performance Lens Facilitator: Jimmy Jernigan, LyondellBasell Industries Speakers: Hardy Kemp, Flint Hills Resources, LLC Robin Knowles, LyondellBasell Industries Dawn Wurst, Georgia- Pacific LLC	Hydroprocessing 101: Shutdown Considerations Part 1 Facilitator: Mo Abueida, Valero Energy Corporation Speaker: Ben Mossman, CHS, Inc.	Crude/Coking Q&A Part 1 Facilitator: Gordon Robertson, AFPM Panelists: Josh Santrock, Marathon Petroleum Corporation Sim Romero, Becht	Petrochemical: The Next Frontier for FCC Part 1 Facilitator: Steve Gim, BASF Corporation Speakers: Bani Cipriano, W.R. Grace & Co. Jan De Ren, Honeywell UOP LLC Eduard Dobyns, Honeywell UOP LLC	Panel: Dynamically Managed Alarms and Advanced Shelving Facilitators: Arnold Austin, Emerson Automation Solutions Darwin Logerot, Emerson Automation Solutions Panelists: Karen Kuhn, Cenovus Patrick Robinson, Phillips 66	
8:45 - 9:00 AM	Break						
9:00 - 9:45 AM	Pyrolysis Technology Facilitator: Eric Legare, Phillips 66 Speaker: David Dayton, RTI	Roundtable Discussion: Maintenance Work Through the Human Organizational Performance Lens Facilitator: Jimmy Jernigan, LyondellBasell Industries Speakers: Hardy Kemp, Flint Hills Resources, LLC Robin Knowles, LyondellBasell Industries Dawn Wurst, Georgia- Pacific LLC	Hydroprocessing 101: Shutdown Considerations Part 2 Facilitator: Mo Abueida, Valero Energy Corporation Speaker: Ben Mossman, CHS, Inc.	Crude/Coking Q&A Part 2 Facilitator: Gordon Robertson, AFPM Panelists: Josh Santrock, Marathon Petroleum Corporation Sim Romero, Becht	Petrochemical: The Next Frontier for FCC Part 2 Facilitator: Steve Gim, BASF Corporation Speakers: Bani Cipriano, W.R. Grace & Co. Jan De Ren, Honeywell UOP LLC Eduard Dobyns, Honeywell UOP LLC	Panel: Sustaining the Alarm Management Lifecycle Facilitators: Arnold Austin, Emerson Automation Solutions Darwin Logerot, Emerson Automation Solutions Panelists: Karen Kuhn, Cenovus Patrick Robinson, Phillips 66	
9:45 - 10:15 AM	Break						
	Sustainability	Maintenance	Hydroprocessing	Crude/Coking	FCC	Artificial Intelligence	
10:15 - 11:00 AM	Monetization of Renewables - EPA Pathway & ISCC Certificates Facilitators: Jeff Sexton, Marathon Petroleum Corporation Bob Riley, W. R. Grace & Co. Speakers: Leif Forer, Foxley Consulting Kristine Klavers, EcoEngineers	Walk the Line Technology: E-permitting Facilitators: Lawrence Moreaux, LyondellBasell Industries Tjokro Hermanto, Amsty Speaker: TBD	Maximizing Hydrocracker Profitability Facilitator: Josh Siegel, Johnson Matthey Speaker: Christy Anderson, Albemarle Corporation	Coker Feed Quality Optimization Facilitator: Sam Lordo, Bech Speaker: Sim Romero, Becht	Three W's of FCC-Why, What, What: Why Does it Look Like That? What Might Have Caused That? What Should I Do If? Part 1 Facilitator: Matt Wojtowicz, Honeywell UOP LLC Speaker: TBD	Artificial Intelligence in Advanced Process Controls Part 1 Facilitator: TBD Speakers: Abi Mukund, Imubit, Inc. John Myers, Monroe Energy, LLC	
11:00 - 11:15 AM	Break						
11:15 AM - 12:00 PM	Renewable Feed Pre-Treatment Facilitators: Raul Romero, Nalco Water James Turner, Fluor Corporation Speakers: Chuck Red, Applied Research Associates, Inc. Representative, Alfa Laval	Walk the Line: Return to Service Maintenance Practices Facilitator: Herb Haught, CVR Energy, Inc. Speaker: TBD	Third Party Hydrogen Balance Facilitator: TBD Speakers: Lori McDowell, Matheson Operating Company Representative, TBD	Water Conservation Facilitator: Greg Cantley, Marathon Petroleum Corporation Speaker: Karen Green, Marathon Petroleum Corporation Mark Knight, SUEZ Water Technologies & Solutions	Three W's of FCC - Why, What, What: Why Does it Look Like That? What Might Have Caused That? What Should I Do If? Part 2 Facilitator: Matt Wojtowicz, Honeywell UOP LLC	Artificial Intelligence in Advanced Process Controls Part 2 Facilitator: TBD Speakers: Abi Mukund, Imubit, Inc. John Myers, Monroe Energy, LLC	

Wednesday, October 19 continued

12:00 - 1:30 PM							
	Sustainability	Unit Reliability	Hydroprocessing	Naphtha Reforming	FCC	Digitalization/ Reliability & Maintenance	
1:30 - 2:15 PM	Renewables Town Hall Facilitators: Andy Moreland, Valero Energy Corporation Eric Legare, Phillips 66 Speakers: Jonathan Arana, Honeywell UOP LLC Melissa Davis, Topsoe, Inc.	Why Amine Systems Fail Facilitator: TBD Speaker: Steve Ayers, Sulfur Experts, Inc.	Managing Reactor Pressure Drop Facilitator: Adrian Azpilicueta, Nalco Water Part 1: Dynamic Pressure Drop Modeling Helps Improve Critical Decision-making Speaker: Austin Schneider, Crystaphase Part 2: Reactor Bed Chemical Cleaning Speaker: Ryan Pratt, ExxonMobil Technology Company	Reforming Catalyst 101 Facilitator: Russell Wiltsie, Valero Energy Corporation Speakers: Steve Philoon, Honeywell UOP LLC Andres Acosta, Axens North America	FCC Catalyst & Additive Advances Facilitator: Ziad Jawad, Phillips 66 Speakers: Dr. Natalie Herring, G.W. Aru, LLC Luis Bougrat, W.R. Grace & Co.	Bringing Mobile Technologies into the Maintenance and Reliability Environments: Identifying and Overcoming Challenges Part 1 Facilitator: TBD Speakers: Wade Smith, Emerson Automation Solutions	
2:15 - 2:45 PM	Break						
	Sustainability	Unit Reliability	Hydroprocessing	Naphtha Reforming	Emerging Leaders	Digitalization/ Reliability & Maintenance	
2:45 - 3:30 PM	"Secret" Impact of Energy Facilitator: Rainer Bass, HF Sinclair Speaker: Mike Achacoso, Solomon Associates LLC	Hydrogen Plant Operations Facilitator: Rainer Bass, HF Sinclair Speakers: TBD, Technip	Circular Plastics Process Facilitators: Christy Anderson, Albemarle Corporation Jignesh Fifadara, SUEZ, Water Technologies & Solutions Speakers: Aline Bueno Cury, Albemarle Corporation Joop Dees, SUEZ Water Technologies & Solutions Mikala Grubb, Topsoe	Reviving Reforming Assests to Maximize Performance and Profitability Facilitator: TBD Speaker: Matt Hutchinson, Axens North America	Emerging Leaders Facilitator: Tiera Lacorte, NDCCDP, CDP DE&I and Learning Programs Lead, Monroe Energy, L.L.C. Katie Taylor, Director of Engineering, Complex Process Facilities, Energy Transition Technologies, Becht Speaker: TBD	Bringing Mobile Technologies into the Maintenance and Reliability Environments: Identifying and Overcoming Challenges Part 2 Facilitator: TBD Speakers: Wade Smith, Emerson Automation Solution:	
	Sustainability	Unit Reliability	Hydroprocessing	Sponsored Content	Emerging Leaders	Sponsored Content	
3:45 - 4:30 PM	FCC Co-processing Technologies Facilitator: Cliff Avery, Albemarle Corporation. Nik Larsen, Marathon Petroleum Corporation Speaker: George Yaluris, Albemarle Corporation Mark Schmalfeld, BASF Corporation Lisa Wolschlag, Manager, Honeywell UOP LLC	FCC Equipment Reliability Facilitator: Steve Shimoda, Technip Energies Speaker: TBD	Special Considerations for Hydroprocessing Relief Design Facilitator: Wendy Wildenberg, Flint Hills Resources LLC Speaker: Sally Davis, Flint Hills Resources LLC Joe Rydberg, CITGO Petroleum Corporation	Sponsorships Available Contact sponsorships@ afpm.org for more information.	Emerging Leaders Facilitator: Tiera Lacorte, NDCCDP, CDP DE&I and Learning Programs Lead, Monroe Energy, L.L.C. Katie Taylor, Director of Engineering, Complex Process Facilities, Energy Transition Technologies, Becht Speaker: TBD	Sponsorships Available Contact sponsorships@ afpm.org for more information.	
4:30 - 5:30 PM	Women In Industry Self Leadership: How to Bec Kerry Siggins, CEO, StoneA		ving				

Thursday, October 20

8:00 - 9:00 AM	Customer Appreciation Breakfast Hosted by Our Sponsors & Exhibitors						
9:00 - 9:30 AM	Break						
	Crude/Coking	FCC	Hydroprocessing	Alkylation	Digitalization	Turnaround	
9:30 - 10:30 AM	Crude/Coking Town Hall Facilitators: Sam Lordo, Becht Raul Romero, Nalco Water	FCC Slide Valve Design & Emergency Operations Facilitator: Darin Foote, CHS, Inc.	Hydroprocessing Q&A Panel Facilitators: Sravan Papu, Crystaphase Sergio Robledo, Topsoe, Inc. Panelist: David Sacks, Delek US	Reducing Acid Coansumption Facilitator: Randy Peterson, Elessent Clean Technologies	Artificial Intelligence in Safety Facilitator: Stephen Gil, HF Sinclair Corporation	Turnaround Facilitator: Brad Hase, HF Sinclair Corporation Hardy Kemp. Flint Hills Corporation	
10:30 - 11:00 AM	Break						
11:00 AM - 12:00 PM	Crude/Coking Town Hall Facilitators: Greg Cantley, Marathon Petroleum Corporation Harold Eggert, Athlon, a Halliburton Company	Challenging FCC Run Length Paradigms Facilitator: Richard Grove, Chevron U.S.A. Inc. Speaker: TBD	Hydroprocessing Q&A Panel Facilitators: Sravan Papu, Crystaphase Sergio Robledo, Topsoe, Inc. Panelist: David Sacks, Delek US	Alkylation Emerging Technologies Facilitator: Dominic Varraveto, Burns & McDonnell	Operating Limits Facilitator: TBD	Turnaround Facilitator: Hardy Kemp, Flint Hills Resources, LLC Brad Hase, HF Sinclair Corporation	







Register Today!

www.AFPM.org/Events

Program & Agenda Highlights

In addition to technical education sessions, The Summit offers opportunities for attendees to come together to learn from one another and celebrate our industry's achievements.

Ethics Training presented by Valero Energy Corporation

Monday, October 17 | 2:30 PM CDT

Fulfill your PE requirement at this Ethics for Engineers session. This workshop will review engineers' roles and responsibilities in applying professional engineering ethics to their professional conduct. It is intended to provide the training needed to maintain a professional engineer's license in those states that require one hour of training per renewal period. AFPM will provide certificates of attendance to those who attend. There is no additional fee to attend the Ethics Workshop.

Emerging Leaders and First Time Attendee Event

Monday, October 17 | 4:00 PM CDT

This event is for attendees new to the industry or new to AFPM. It gives attendees the opportunity to interact with senior leaders to familiarize themselves with the industry and what to expect throughout the conference.

Welcome Reception

Join us at the Grotto and LDR at the adjacent Convention Center for one swashbuckling bang-up time! This is not your typical opening networking event. Be sure to arrive in time to reunite with everyone you've missed seeing the past couple years in a fun, casual environment, the perfect kick-off to our long-awaited inaugural Summit and the perfect precursor to the new era of convention collaboration.

2022 AFPM Lifetime Service Award

Tuesday, October 18 | 9:00 AM CDT

The General Session on Day 1 will include AFPM President and CEO, Chet Thompson, awarding the AFPM Lifetime Service Award to two of your industry colleagues. This year's awardees have made outstanding contributions to not only our industry, but also to AFPM for over 15 years. Congratulations to Willis Jernigan and Jeff Zurlo!



Willis Jernigan, Flint Hills Resources, LLC



Jeff Zurlo, **SUEZ Water Technologies** & Solutions

Women in Industry

Wednesday, October 19 | 4:30 PM CDT

AFPM networking event for and by women.

Customer Appreciation Breakfast

Thursday, October 20 | 8:00 AM CDT

This is a "must attend" special event, the first of its kind! Join our exhibitors and sponsors for a final farewell to celebrate both our inaugural Summit AND the return to face-to-face meetings. You'll be treated to a gourmet breakfast, an upscale swag bag, and a few extra surprises! Be sure to reserve your seat when you register. We promise you'll be glad you came.



Save the Date October 3-5, 2023 Gaylord Texan Resort & **Convention Center** Grapevine, TX

Become an Exhibitor Today



Experience an innovative, modern approach to customer engagement. Be a part of the Summit's version of the trade show of the future in our new "Hub!" We have turnkey and flexible options available. To determine which is best for your company, visit our Exhibit and Sponsorship Brochure.

For more details, contact our exhibit coordinator at SummitExhibits@afpm.org.

Become a Sponsor Today

Give your brand more visibility through one of our numerous branding and engagement opportunities. Our packages have been revamped to offer you more benefits than ever and our a la carte options offer fun, engaging, and practical ways to connect with your customers. Take a look at our Exhibit and Sponsorship Brochure.

For more details, contact us at sponsorships@afpm.org.

Join these great companies who have already signed up!

Exhibitors

ABS Group AIS Software Albemarle Corporation **BASF** Corporation Becht BrandSafway Clariant Cokebusters USA Copperleaf CPFD, LLC Elessent Clean Technologies

Emerson Automation Solutions Imubit, Inc. JCL Safety Services Johnson Matthey Linde Engineering Americas Provenance Consulting, A Trinity Consultants Company TapcoEnpro Technip Energies TechStar Topsoe, Inc.

Tracerco Turner Industries Group United Rentals, Inc. Universal Plant Services, Inc. Voovio Technologies W. R. Grace & Co./Advanced Refining Technologies WIKA USA Wood Woven Metal Products

Sponsors

Albemarle Corporation **BASF** CPFD, LLC

Elessent Clean Technologies Honeywell UOP Johnson Matthey

Koch Engineered Solutions W.R. Grace & Co.



Register Today!

www.afpm.org/Events

October 18-20, 2022 Grand Hyatt San Antonio San Antonio, TX

Conference Fees

Register by September 23rd to receive the early registration fee. Registration fees increase by \$100 on September 24th. Online registration closes on October 14th.

Early Member Registration: \$750

Member Registration: \$850

Early Non-member Registration: \$1,250

Non-member Registration: \$1,350