

Final Program

Marriott Rivercenter
San Antonio, Texas

March 17-19, 2019

afpm.org/conferences
#AFPMAM



117th Annual Meeting

Sustaining the Future



Welcome to San Antonio and AFPM's 117th Annual Meeting

We are excited to be back in San Antonio and pleased you could join us.

From the Administration's renewed commitment to American energy dominance to the emergence of the Green New Deal, this year promises to be full of both opportunities and challenges. We're looking forward to offering you an engaging program that will help you stay smart on the latest issues and developments in our industries. The theme for our meeting this year is Sustaining the Future – so we'll be looking closely at actions we should be taking today to ensure the sustainability of our industries tomorrow.

Our program features a star-studded lineup of speakers including Former Secretary of State Condoleezza Rice, who will join us to headline Tuesday's Annual Luncheon; Fox News anchor Chris Wallace and Pulitzer Prize-winning historian Doris Kearns Goodwin; and Marathon Petroleum CEO Gary Heminger, who is headlining our Industry Leadership Breakfast. We're also looking forward to sitting down with several senior executives of our member companies for an in-depth look at what it means to sustain our industries for the future.

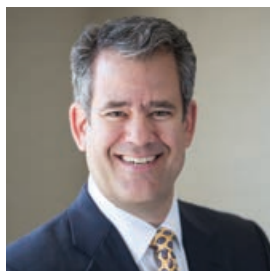
This year's program offers perspectives on a wide range of topics that are vital to our industries. You'll hear from two former Trump Administration officials, who will offer insights into the Administration's energy policy agenda. Breakout session topics will include the future of the Renewable Fuel Standard, artificial intelligence implications for health and safety, utilizing trade association resources for performance improvement, the future of transportation, and the IMO 2020 standard, to name just a few. You'll also have the opportunity to learn through our "Tech Talks," featuring virtual reality tours of refining and petrochemical facilities, and much more. As always, the program will include numerous opportunities for networking that will allow you to engage and connect with your industry peers.

We hope you enjoy the next several days and return home with insights and perspectives that will help build an even stronger future for our industries. Thank you for coming and for your continued support of AFPM.

Sincerely,



Chet M. Thompson
President and CEO
American
Fuel & Petrochemical
Manufacturers

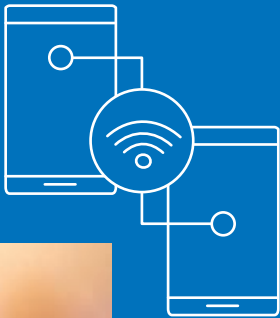


Sunday, March 17

9:00 am - 7:30 pm	Registration /AFPM Central Salons IJ
11:30 am - 3:00 pm	Executive Committee Meeting+ Conference Room 17-18
2:00 pm - 4:00 pm	Manufacturing Committee Meeting+ Conference Room 1-4
4:00 pm - 5:30 pm	Women in Industry Reception Salon H
5:30 pm - 7:30 pm	Opening Reception Salons A-F

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Schedule of Events

Monday, March 18

7:00 am – 5:00 pm	Registration /AFPM Central				Salon IJ
7:30 am – 9:00 am	Government Relations Breakfast* Communications and Social Media Committee Meeting+ Summit Screening Committee Meeting+				Salon H Conference Room 12 Salon G
7:30 am – 5:30 pm	DSA Interviews#				Conference Room 9
8:00 am – 9:00 am	AFPM Central Breakfast				Salon IJ & Foyer
9:00 am – 11:30 am	General Session The Honorable Ted Cruz U.S. Senator (R-Texas)	Chris Wallace Host of FOX News Sunday			Salons A-F Doris Kearns Goodwin Pulitzer Prize-winning Author
11:30 am – 1:30 pm	AFPM Central Lunch				Foyer/Salon CDE/IJ
12:15 pm – 12:45 pm	Tech Talks (see page 3 for descriptions)				
	Immersive Learning Group Session Conf Room 1-2	Innovations in Process Technology Training Conf Room 3-4	Immersive Tech in Safety and Constructability Conf Room 7	AFPM Refinery and Petrochemical Facility VR Tour Conf Room 8	Total Safety's Connected Workplace Offerings Conf Room 11
1:00 pm – 1:30 pm	Tech Talks repeated				
1:30 pm – 3:30 pm	General Session Sustaining the Future: Leadership Perspectives and Meeting the Challenges				Salons A-F
3:45 pm – 4:45 pm	Concurrent Breakouts (see page 5 for descriptions)				
	Trade Agenda 2019 Salon G	Impact of IMO on U.S. Energy Security Salon H		The Transportation Climate Initiative Salon KL	
5:00 pm – 6:00 pm	Operating Company Reception <i>This is a networking event open to operating company personnel only.</i>				Conference Room 17-18

+ Committee meetings are open to Committee members only.

* Ticketed function

By invitation

Tuesday, March 19

7:00 am – 12:00 pm	Registration /AFPM Central					Salon IJ
7:30 am – 9:00 am	Industry Leadership Breakfast* Featuring Gary R. Heminger, Chairman, President and CEO, Marathon Petroleum Corporation					Salons A-F
9:00 am – 11:00 am	Board of Directors Meeting+					Conference Room 17-18
9:00 am – 11:30 am	Concurrent Breakouts (see page 6 for descriptions)					
	Operational Excellence Salon G To Change or Not to Change: Human Operational Performance Theory 9:00 – 10:00 am Organizational Capability 10:30 – 11:30 am	Technical Sessions Salon H Do You Have Confidence That Your MI Program Has the Big Risks Well Covered? 9:00 – 9:30 am Advances in Crude to Chemicals 9:30 – 10:00 am	MOTIVA Performs Independent Catalyst Evaluation Using High Throughput Technology from hte 10:30 – 11:00 am Process Safety Site Assessment Program – Promoting a Culture of Process Safety 11:00 – 11:30 am	Industry Issues Salon KL Global Oil Outlook: Balanced in the Eyes of the Beholder 9:00 – 10:00 am Adding Value and Efficiencies to Operations through Digitalization 10:30 – 11:30 am	Industry Issues Salon M Pulling Back the Curtain on Environmental Activism <i>This session is closed to press</i> 9:00 – 10:00 am Future of Transportation 10:30 – 11:30 am	
12:00 pm – 2:00 pm	Annual Luncheon* Featuring The Honorable Condoleezza Rice 66th Secretary of State of the United States					Salons A-F
2:00 pm – 4:15 pm	Concurrent Breakouts (see page 9 for descriptions)					
	Operational Excellence Salon G Industry Collaboration Improves Us All <i>This session is closed to press</i> 2:00 pm – 3:00 pm Focusing on the Important – AFPM Occupational Safety Programs 3:15 – 4:15 pm	Technical Sessions Salon H Co-Hydroprocessing Petroleum Distillates with Bio-crude Oils Derived from Biofuels Isoconversation™ Process 2:00 pm – 2:30 pm Selective LPG Olefin Production with GBATM Additive Technology at PES Point Breeze 2:30 pm – 3:00 pm	Finding Health & Safety Buried Treasure with AI 3:15 pm – 3:45 pm CNOOC Experience with the IsoTherming® Hydroprocessing Technology 3:45 pm – 4:15 pm	Industry Issues Salon KL What Lies Ahead for the Renewable Fuel Standard? 2:00 pm – 3:00 pm Growing Earnings in Times of Change: A Case Study in Unlocking Refinery-Wide Value through High Perf 3:15 pm – 4:15 pm	Industry Issues Salon M Pulling Back the Curtain on Environmental Activism (repeat) <i>This session is closed to press</i> 2:00 pm – 3:00 pm EMpower 3:15 pm – 4:15 pm	
2:30 pm – 3:30 pm	Associate Member Steering Committee Meeting+					Conference Room 12

Monday, March 18

General Session

9:00 am - 11:30 am

Salons A-F

Opening Remarks



Joseph W. Gorder

President & CEO
Valero Energy Corporation
and
Chairman of the Board
AFPM



Chris Wallace

Host of FOX News Sunday



Chet M. Thompson

President & CEO
AFPM

America under President Trump: A View from Washington

Chris Wallace, award-winning veteran journalist and host of FOX News Sunday, breaks down today's top news issues impacting individuals and industry, leaving audiences with takeaways that prepare them for impending changes in the political landscape. Chris has established himself as a battle-tested media presence, an incisive, thoughtful interviewer, and a venerable authority on presidential history and election politics.



The Honorable
Ted Cruz

Recipient of the AFPM
Leadership Award
U.S. Senator (R-Texas)



Doris Kearns Goodwin

Pulitzer Prize-winning Author

Leadership in Turbulent Times

Doris Kearns Goodwin, world-renowned presidential historian, reflects on more than 150 years of U.S. history. She brings to life some of our most successful presidents to provide insight for today's leaders, and to demonstrate that however fractured our modern political culture has become, our democracy is also resilient and has survived—even thrived—through more troubling times in the past.

Government Relations Breakfast

7:30 am – 9:00 am

Salon H



George David Banks

Executive Vice President
American Council for
Capital Formation



Michael Catanzaro

Partner, CGCN Group

Insider Perspectives on Energy Policy in the Trump White House

The first two years of the Trump Administration have been marked by significant policy changes impacting the refining and petrochemical industries. Join two of the early architects of President Trump's energy agenda, Mike Catanzaro, former Special Assistant to the President for Domestic Energy and Environmental Policy and Dave Banks, former Special Assistant to the President for International Energy and Environment for insights into their time in the White House, views on the current policy debates, and prognostications on what is still to come.

AFPM Central Lunch

11:30 am – 1:30 pm

Grand Ballroom Foyer

Help yourself to a complimentary lunch served in the Ballroom Foyer before joining the interactive, tech-centric Tech Talk Sessions.

Lunch seating available in Salons CDE, IJ, and foyer.

Tech Talks

12:15 pm – 12:45 pm

Repeated at 1:00 pm – 1:30 pm

Conference Room 1-2

Immersive Learning Group Session

Dennis Vidmar, Senior Safety Consultant and Ethan Lesueur, Platform Team Lead, Exxon Mobil Corporation

ExxonMobil's Immersive Technology team will showcase the next generation of training tools.

Conference Room 3-4

Innovations in Process Technology Training

Jim Griffin, Sr. VP, Energy & Petrochemicals, San Jacinto Community College

Take a look inside the groundbreaking San Jacinto College Center for Petrochemical, Energy & Technology.

Conference Room 7

Immersive Tech in Safety and Constructability

Chris Verret, CTO, and Scott Schneider, CEO, HTX Labs

Join HTX and experience the future of training with immersive learning using a hands-on virtual reality demo.

Conference Room 8

AFPM Refinery and Petrochemical Facility VR Tour

Andrea Fuller, Just Add Firewater

David King, Workforce Development Manager, INEOS Olefins & Polymers USA

Check out AFPM Virtual Reality Tours of both a refinery and a petrochemical facility utilizing 360 degree video.

Conference Room 11

Total Safety's Connected Workplace Offerings -

Utilizing Technology to Improve Safety and Productivity

Joe Sadowski, EVP - BD, Sales and Marketing, Total Safety U.S., Inc.

See how to use new technologies to enhance safety and productivity at your worksite.

Monday, March 18

continued

General Session

1:30 pm – 3:30 pm

Salons A-F

Sustaining the Future

The petroleum refining and petrochemical manufacturing industries are critical to boosting the nation's energy security and sustaining the U.S. economy. Join us for two exciting panel discussions that cover the most important issues affecting the future sustainability of our industries including workforce of the future, changing our industries' narrative, generating innovation and technology developments, and investing in our communities. The first will be a panel of leading industry CEOs and senior executives discussing big picture challenges and opportunities facing our industries. The second panel of industry leaders and subject matter experts will discuss how their companies are addressing these challenges more specifically.

Sustaining the Future: Leadership Perspectives

1:30 pm – 2:45 pm

Moderator:

Chet M. Thompson, President & CEO, AFPM

Panelists:

Brian S. Coffman, President and CEO, Motiva Enterprises LLC

Michael Coyle, President, Manufacturing, Chevron U.S.A. Inc.

*Joe Gorder, Chairman, President and Chief Executive Officer,
Valero Energy Corporation*

David Lamp, President and Chief Executive Officer, CVR Energy, Inc.

*Mark Lashier, President & Chief Executive Officer, Chevron Phillips
Chemical Company LP*

*Loic Vivier, Senior Vice President, Fuels, ExxonMobil Fuels and
Lubricants Company*

Sustaining the Future: Meeting the Challenges

2:45 pm – 3:30 pm

Moderator:

Jared Hawes, Director, State and Local Outreach, AFPM

Panelists:

*Jim Becker, Vice President Polymers & Sustainability,
Chevron Phillips Chemical*

*Jennifer Feeley, Corporate Program Portfolio Manager, EMRE R&D,
Corporate Strategic Research*

Stacy Putman, Senior Project Director, INEOS Olefins & Polymers USA

*Julia Reinhart, Vice President, Human Resources & Administration,
Valero Energy Corporation*

Kris Torberson, Technology Director, Motiva Enterprises LLC

Join us for two exciting panel discussions that cover the most important issues affecting the future sustainability of our industries including workforce of the future, changing our industries' narrative, generating innovation and technology developments, and investing in our communities.

Concurrent Breakouts

3:45 pm – 4:45 pm

Salons G, H, KL

Trade Agenda 2019

Salon G

President Trump's trade agenda is perhaps the most aggressive in recent memory, whether renegotiating NAFTA or making waves with steel and aluminum tariffs and an escalating trade conflict with China. Join us for a discussion about the impacts on the refining and petrochemical industries and a crystal-ball forecast about what else 2019 may bring.

Moderator:

*Geoff Moody, Vice President,
Government Relations, AFPM*

Panelists:

*The Honorable Jim McCrery, former
U.S. Representative (LA-R), Partner,
Capitol Counsel
Daniel Cannistra, Partner, Crowell & Moring*

Impact of IMO on U.S. Energy Security

Salon H

Effective January 1, 2020, the International Maritime Organization (IMO), which is responsible for the safety and environmental performance of the shipping sector, has ruled that marine sector emissions in international waters must be dramatically reduced. Join us for a series of presentations that will explore how the IMO 2020 regulation will affect refinery operations, bunker fuel supply, the shipping industry, and the global oil markets, and will consider the challenges they will face, and how they will adapt.

Moderator:

*Derrick Morgan, Sr. Vice President,
Federal & Regulatory Affairs*

Panelists:

*Sandeep Sayal, Vice President, Downstream
Energy Research, IHS Markit
John Mayes, Vice President, Turner Mason
Charles Kemp, Vice President, Baker &
O'Brien*

The Transportation Climate Initiative

Salon KL

The Transportation Climate Initiative is an ambitious project designed to coordinate the actions of 12 states on carbon reduction measures and clean, modern and affordable transportation. Join us for a discussion featuring the academic and practical perspectives on these issues.

Moderator:

*Elizabeth Stolpe, Consulting Affiliate,
O'Donovan Strategies*

Panelists:

*Miles Heller, Director, Policy and Regulatory
Affairs, Marathon Petroleum Company
Tony Kreindler, Senior Director of
Communications, Environmental Defense
Fund*



Tuesday, March 19

Industry Leadership Breakfast

7:30am – 9:00am

Salon A-F



Gary R. Heminger

Chairman, President, and
Chief Executive Officer
Marathon Petroleum
Corporation

Marathon Petroleum is the largest refining company in the United States with more than 3 million barrels per day of crude oil capacity across 16 refineries. With over 40 years of experience at Marathon, Mr. Heminger's career has included roles in finance, marketing and commercial, and business development both in the U.S. and abroad. Don't miss this exclusive conversation on the vision for Marathon and perspective on the challenges and opportunities ahead for the refining and petrochemical industries.

Operational Excellence Sessions

9:00 am – 11:30 am

Salon G

To Change or Not to Change:

Human Operational Performance Theory

9:00 am – 10:00 am

Minute by minute the world is changing. Technology has added new dimensions to how we as human beings react to our surroundings. Yet, in many areas, we are still using old methods of coping with our environment and industry that no longer fit the situation. Looking at a different way of dealing with safety in the workplace is what the new view, the Human Performance view of safety management is all about. This presentation will deal with ways that might assist your company in making these changes in your safety operations. The presentation will focus on the needs of your situation and be applicable to administration, management and workers.

Presenter:

Alan Davis, Richmond Refinery Operations Manager, Chevron U.S.A. Inc.

Speaker:

Todd Conklin, Ph.D., Conklin & Associates

Organizational Capability

10:30 am – 11:30 am

A critical element in assuring safe and reliable operations is implementation of integrated, standardized work processes. However, a significant piece in these critical processes is the organization's ability to develop sustained organizational capabilities. Join us for a discussion on the strategies and challenges in developing these organizational capabilities including HR practices, knowledge transfer, coaching/mentoring, and leadership practices.

Speaker:

Amir Farid, Managing Director, Pilko & Associates



Technical Sessions

9:00 am – 11:30 am

Salon H

Presider:

*Greg Gentry, Regional Vice President, Refinery Operations,
Valero Energy Corporation*

Do You Have Confidence That Your MI Program Has the Big Risks Well Covered?

9:00 am – 9:30 am

Salon H

This presentation will cover how members of the Refinery Leadership Team/Site Leadership Team (RLT/SLT) (and others who may have an interest) can determine whether their Fixed Equipment Mechanical Integrity (FEMI) group has all the management systems and procedures in place to minimize the chances that your site will ever be a victim of the big FEMI incident.

Speaker:

John Reynolds, Consultant, Intertek AIM

Advances in Crude to Chemicals

9:30 am – 10:00 am

Salon H

In this presentation, global refining and petrochemical trends will be reviewed, and recent advances in crude to chemicals as well as feasible integration strategies that would enable U.S. refiners to diversify and produce both fuels and petrochemicals will be highlighted. Industry improvements in Bottom of the Barrel technologies, including slurry hydrocracking, now enable conversion rates up to 98% and can be utilized for both crude to chemical as well as crude to fuels applications. Other options for the North American refiner include aromatics complex, propane dehydro, or FCC revamp, all designed to maximize petrochemicals.

Speaker:

Stanley Carp, Senior Manager, Configurations, Honeywell UOP

Presider:

Jerry Dunn, Refinery VP, CITGO Petroleum

MOTIVA Performs Independent Catalyst Evaluation Using High Throughput Technology from hte

10:30 am – 11:00 am

Salon H

Best catalyst technologies identification and evaluation are important because the performance of conversion units like Hydrocracking, Cat-Feed Hydrotreating, Reforming, and Lubes bring high value to refiners. This paper will illustrate the details of independent catalyst evaluations done by MOTIVA using high throughput testing at hte for a hydrocracker. The approach of strategy and customized testing proved to add significant value to MOTIVA.

Speaker:

*Raul Adarme, Energy, Catalysts, and Chemicals Manager,
Motiva Enterprises LLC
Sascha Vukojevic, Business Development Manager, hte GmbH*

Process Safety Site Assessment Program – Promoting a Culture of Process Safety

11:00 am – 11:30 am

Salon H

The Process Safety Site Assessment Program is a collaborative industry effort managed by API and is focused on improving process safety in petroleum refining and petrochemical facilities. The program has conducted over 65 process safety assessments and 38 HF RP-751 assessments since its inception in 2012. The assessments are conducted by independent and credible third-party teams of industry-qualified process safety expert assessors using industry-developed protocols.

Speaker:

Andrew Broadbent, Program Manager, PSSAP, API

Tuesday, March 19

continued

Industry Issues

9:00 am – 11:30 am

Salon KL

Global Oil Outlook:

Balanced in the Eyes of the Beholder

9:00 am – 10:00 am

Salon KL

This session will provide an overview of global oil market fundamentals, including crude oil and refined product supply and demand, as well as geopolitical issues over the short and medium term.

Presider:

Regan Howell, Director, Manufacturing Improvement Refining Excellence, Motiva Enterprises LLC

Speaker:

Michael Cohen, Director, Head of Commodities Research, Barclays

Adding Value and Efficiencies to Operations through Digitalization

10:30 am – 11:30 am

Salon KL

This panel will discuss the following topics.

1. Digitalization in the process industry
2. Digitalization: Now is the Time or – Digital Twin
3. Case Study: Increased Asset Utilization through IIoT

Presider:

Jay Richert, Director, Refining Operations, Marathon Petroleum Company

Panelists:

Mark Schmalfeld, Global Marketing Manager, BASF

Oscar Santonalloni, KBC Advanced Technologies

Marion Burlak, Strategic Marketing Manager, Honeywell UOP

Industry Issues

9:00 am – 11:30 am

Salon M

Pulling Back the Curtain on Environmental Activism

(Please note: This session is closed to press.)

9:00 am – 10:00 am

Salon M

Whether it's large scale pipeline protests, a handful of "valve turners" or even just one tree sitter, NGO's are ramping up their efforts to disrupt the construction, maintenance and use of critical infrastructure. Join us for a discussion of the tactics and financing of these protests as well as tips on how to deal with them in the media.

Moderator:

Don Thoren, Vice President, State and Local Outreach, AFPM

Panelists:

Jonathan Thompson, CEO - National Sherriff's Association

Kevin Mooney, Investigative Reporter - The Daily Signal

Future of Transportation

10:30 am – 11:30 am

Salon M

Hardly a week goes by without a new headline announcing a new federal or state electric vehicle policy or an auto manufacturer unveiling plans for a new electric vehicle model. Join us for a discussion that will go beyond the headlines to explore experiences around the world, consumer attitudes, and ways for the liquid fuels industry to prepare and respond.

Moderator:

Geoff Moody, Vice President, Government Relations, AFPM

Panelists:

Blake Eskew, Vice President, Oil Markets, Midstream, Downstream and Chemicals, IHS Markit

Anthony Sementelli, Executive Vice President and Chief Financial Officer, Flint Hills Resources, LLC

Joseph Guzzo, GM, Federal Affairs, General Motors Company

Annual Luncheon

12:00 pm – 2:00 pm
Salons A-F



The Honorable
Condoleezza Rice

66th Secretary of State
of the United States

As Secretary of State and National Security Advisor, Condoleezza Rice pioneered a policy of transformational diplomacy and heralded the formation of new global governments based on democratic principles.

In her latest book, *POLITICAL RISK*, Dr. Rice investigates and analyzes the evolving landscape for businesses today. A generation ago, political risk mostly involved a handful of industries dealing with governments in a few frontier markets. Today, political risk stems from a widening array of actors, including Twitter users, local officials, activists, terrorists, hackers, and more. Join us to learn what businesses can do to navigate today's environment, and what all of us can learn about how to better understand and grapple with these rapidly changing global political dynamics.

Industry Issues

2:00 pm – 4:15 pm
Salon KL

What Lies Ahead for the Renewable Fuel Standard?

2:00 pm – 3:00 pm
Salon KL

Perhaps no issue has divided the liquid fuels industry more than the Renewable Fuel Standard. With major regulatory changes on the way, a seemingly intractable Congress, and post-2022 implementation looming, please join a group of trade association leaders for their views on what is to come, and how our industries might find constructive solutions to bridge old divides.

Moderator:

Jennifer Dlouhy, Reporter, Bloomberg News

Panelists:

Chet Thompson, President & CEO, American Fuel & Petrochemical Manufacturers

Donnell Rehagen, Chief Executive Officer, National Biodiesel Board

Rob Underwood, President, Petroleum Marketers Association of America

Geoff Cooper, President & CEO, Renewable Fuels Association

Growing Earnings in Times of Change: A Case Study in Unlocking Refinery-Wide Value through High Perf

3:15 pm – 4:15 pm
Salon KL

Albemarle and ExxonMobil, through our longstanding catalyst development partnership have co-developed the latest innovation in hydrotreating catalysts. Built upon the success of Nebula, which has enjoyed over fifteen years of industry-leading hydrotreating performance, we have now commercialized Celestia, a new bulk-metal catalyst that has commercially demonstrated a step change in hydrotreating activity. The presentation will highlight technology development to commercialization and feature opportunities for profit optimization.

Presenter:

Jerry Dunn, Refinery VP, CITGO Petroleum Corporation

Speakers:

Barbara Slettenhaar, Global Business Manager, Albemarle

Keith Wilson, Distinguished Engineering Associate, ExxonMobil

Tuesday, March 19

continued

Technical Sessions

2:00 pm – 4:15 pm
Salon H

Presider:

Pat Kimmel, VP Laurel Refining, CHS Inc.

Co-Hydroprocessing Petroleum Distillates with Bio-crude Oils Derived from BIOFUELS ISOCONVERSION™ Process

2:00 pm – 2:30 pm
Salon H

Chevron Lummus Global and Applied Research Associates are in the process of commercializing the Biofuels ISOCONVERSION™ (BIC) Process. BIC can operate with 100% bio-derived feedstocks to produce distillate hydrocarbons similar to those in petroleum fuels. BIC can be operated wherein a bio-derived crude oil is mixed with S- and olefins-containing petroleum distillates and then co-hydroprocessed to produce ULSD, Jet and naphtha fuels. In either BIC modes, the renewable distillates should be acceptable for subsidies under the federal RINs and CA LCFS programs.

Speakers:

Robert Valente, Senior Principal Process Engineer – Chevron Lummus Global
Chuck Red, Vice President, Applied Research Associates

Selective LPG Olefin Production with GBATM Additive Technology at PES Point Breeze

2:30 pm – 3:00 pm
Salon H

In recent years, refiners have seen strong economic incentives to maximize Alkylate production. As the primary source of Alkylation unit feedstock, the FCC must be optimized to maximize the production of LPG olefins. Conventional light olefins additives can be used to increase propylene and butylene yields at the expense of gasoline range olefins. However, these conventional additives favor propylene production over butylene, which is not desirable for alkylation unit economics. Join us for a discussion of how Philadelphia Energy Solutions Refining and Marketing, LLC (PES) recently utilized Grace's GBATM additive to increase Alkylate production and butylene selectivity, thus delivering significant value to the refinery operation.

Speakers:

Gary Cheng, FCC Technical Sales Manager, Grace

Presider:

Michael Bukowski, Bayway Refinery Manager, Phillips 66

Finding Health & Safety Buried Treasure with AI

3:15 pm – 3:45 pm
Salon H

This session describes leveraging the power of artificial intelligence (AI) to absorb large amounts of safety-related textual information, find common themes and identify similar events, which are then analyzed for patterns in causes and controls. This approach, used in concert with traditional analytics, offers unprecedented power to comprehend and visualize collective safety knowledge from historical record. Transforming words to wisdom in this manner not only illuminates the past but also provides a basis for actioning improvements in operational excellence.

Speaker:

Scott Kimbleton, Cognitive Solutions Lead, IBM

CNOOC Experience with the IsoTherming® Hydroprocessing Technology

3:45 pm – 4:15 pm
Salon H

The DuPont IsoTherming® liquid-full hydroprocessing technology is providing the refining industry with proven utility and capital savings compared to its conventional trickle bed technology counterparts. This presentation will provide Chinese National Offshore Oil Company's (CNOOC) firsthand experience with successfully implementing the DuPont IsoTherming® liquid-full hydroprocessing technology at their Huizhou refinery. Operating data and economic benefits for the grassroots diesel and vacuum gas oil hydrotreating units will also be discussed.

Speakers:

Sarah Jertson, Proposal Manager, DuPont
Li Yilu, Process Engineer, CNOOC Huizhou Refinery

Operational Excellence Sessions

2:00 pm – 4:15 pm

Salon G

Industry Collaboration Improves Us All

(Please note: This session is closed to press.)

2:00 pm – 3:00 pm

Salon G

Panelists will discuss how and why the industry has developed programs for mutual collaboration and the future opportunities for performance improvements.

Moderator:

Jim Stump, Sr. Vice President, Refining, HollyFrontier Corporation

Panelists:

Ray Brooks, Senior Executive Vice President, Refining, Marathon Petroleum Corporation

Mitra Kashanchi, Refinery General Manager, Chevron U.S.A. Inc.

James Rhame, VP of Olefin Operations, Flint Hills Resources

Brett Woltjen, GM - Norco Refinery, Norco Manufacturing Complex, Shell Downstream, Inc.

Focusing on the Important - AFPM Occupational Safety Programs

3:15 – 4:15 pm

Salon G

Based on the success of the AFPM Advancing Process Safety Programs, the Association has expanded their safety programs to include occupational safety. The panel will discuss specific programs, the benefit to industry and where there are opportunities for industry improvement.

Moderator:

Fritz Kin, Director, Safety, Security, Emergency Response, & PSM Corporate Refining, Marathon Petroleum Corporation

Panelists:

Willis Jernigan, Director, Safety & Health, Koch Industries

Dean Maniatis, Refining HSE Manager, Phillips 66

Thomas Myers, Director, Global Safety, Security and Operational Excellence, LyondellBassell

Randy Patton, Vice President, Health and Safety, HollyFrontier Corporation

Industry Issues

2:00 pm – 4:15 pm

Salon M

Pulling Back the Curtain on Environmental Activism (Repeat)

(Please note: This session is closed to press.)

2:00 pm – 3:00 pm

Salon M

Whether it's large scale pipeline protests, a handful of "valve turners" or even just one tree sitter, NGO's are ramping up their efforts to disrupt the construction, maintenance and use of critical infrastructure. Join us for a discussion of the tactics and financing of these protests as well as tips on how to deal with them in the media.

Moderator:

Don Thoren, Vice President, State and Local Outreach, AFPM

Panelists:

Jonathan Thompson, CEO, National Sheriffs' Association

Kevin Mooney, Investigative Reporter, The Daily Signal

EMpower

3:15 pm - 4:15 pm

Salon M

Let's face it. People who do not work in our industry do not understand us - what we make, how we make it and how vital our products are to their daily lives. It's up to us as industry employees to help them do that and AFPM has developed the tools to make it easy. Join us for a fun, interactive session on how we can all better tell the story of our work and impact.

Speaker:

Andrea Fuller, Partner, Just Add Firewater

Rebecca Adler, Senior Communications Director, AFPM



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Valero Energy Corporation

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Suez Water Technologies & Solutions

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Conference Key Cards
Burns & McDonnell

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Room Drop
Sabin Metal

Sunday "Fuel-Up" Snacks
KBC (A Yokogawa Company)

Tuesday Networking Breaks
ExxonMobil Chemical

Wireless Internet
Merichem Company

Press Supporters

BIC
Chemical Engineering
Hydrocarbon Engineering
Hydrocarbon Processing
Inspectioning
PTQ
S&P Global Platts

2019-2020 AFPM Meetings

National Occupational & Process Safety Conference

April 24 - 25

The Gaylord Texan
Grapevine, TX

Security Conference

April 30 - May 1

Sheraton Austin at the Capital
Austin, TX

Labor Relations/ Human Resources Conference

May 2 - 3

Sheraton Austin at the Capital
Austin, TX

Reliability & Maintenance Conference and Exhibition

May 21 - 24

The Gaylord Texan
Grapevine, TX

Board of Directors Meeting

September 8 - 10

The Broadmoor
Colorado Springs, CO

Operations & Process Technology Summit

October 14 - 16

Marriott Rivercenter
San Antonio, TX

Environmental Conference

October 27 - 29

Grand America Hotel
Salt Lake City, UT

Annual Meeting

March 22 - 24, 2020

JW Marriott Austin
Austin, TX

International Petrochemical Conference

March 29 - 31, 2020

New Orleans Marriott and Sheraton
New Orleans, LA

AFPM Antitrust Policy

AFPM takes its antitrust compliance obligations seriously and our antitrust policy goes beyond the minimum requirements.

To ensure compliance with the antitrust laws and avoid any appearance of anticompetitive activity, every participant in AFPM meetings and AFPM activities must adhere to the AFPM antitrust guidelines.

Therefore, there should be no discussion or disclosure of information with respect to:

- Individual company's prices, profits, premiums, surcharges, or discounts;
- your intent to do business with specific customers;
- proposed product offerings;
- allocation of geographic or product markets;
- any refusal to deal with a customer or supplier;
- how to respond to the market behavior of a competitor;
- company's non-public, confidential information; or
- any other topic involving a potentially anticompetitive practice

It is not only your duty to follow the AFPM policy, but also to affirmatively stop any conversations on impermissible subjects. If a discussion presents an antitrust issue, raise your concern immediately. If the discussion continues, announce that you are leaving the meeting because you have an antitrust concern and immediately report your concern to AFPM staff and legal counsel. These Guidelines apply both during the meeting and at informal social events involving AFPM members.

This reference is an overview of AFPM's Antitrust Guidelines. It is not a substitute for legal counsel. Any and all antitrust related concerns should be addressed to AFPM's General Counsel.

**WE MAKE
THE JET FUEL,
THAT POWERS
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IMPACT.**



AFPM

American
Fuel & Petrochemical
Manufacturers

We Make Progress