



# 44th International Petrochemical Conference

Petrochemicals –  
Drivers of Global Progress





# Meeting Highlights

All events at the Grand Hyatt San Antonio unless otherwise noted.

## Sunday, March 24

### Welcome Reception

5:00 pm – 7:00 pm

Henry B. Gonzales Convention Center  
Adjacent to Grand Hyatt  
Room 004 and Lower Riverwalk Patio

### Registration

Lone Star Ballroom Prefunction A,  
Second Floor

Saturday 2:00 pm – 7:00 pm

Sunday 8:00 am – 7:00 pm

Monday 7:30 am – 5:00 pm

Tuesday 9:00 am – 12:00 pm

## Monday, March 25

### Breakfast

7:30 am – 8:00 am

Lone Star Ballroom ABC, Second Floor

### General Session

8:00 am – 10:00 am

Lone Star Ballroom ABC, Second Floor

### General Session

2:00 pm – 5:00 pm

Lone Star Ballroom ABC, Second Floor

### Base Oils and Waxes Session

2:00 pm – 5:00 pm

Presidio AB, Third Floor

### Diversity and Inclusion

#### Networking Reception

Sponsored by BASF Corporation,  
The Dow Chemical Company,  
and LyondellBasell

5:00 pm – 6:00 pm

Lone Star Prefunction A, Second Floor

## Tuesday, March 26

### Petrochemical Forum

9:30 am – 11:00 am

Lone Star Ballroom ABC, Second Floor

### International Petrochemical Luncheon

*Ticket required*

11:30 am – 2:00 pm

Texas Ballroom, Fourth Floor

### Save the Date for IPC20 in the Big Easy!

March 29 – 31, 2020

New Orleans Marriott and Sheraton  
New Orleans, LA

Looking for the attendee list?  
Access the attendee list electronically!

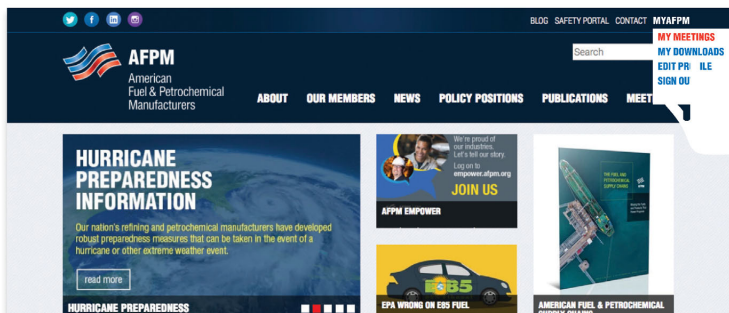
Option 1:  
Use the IPC mobile app.

Download the AFPM Meetings app from Google Play or the Apple App Store.



Option 2:  
Go to My Meetings at AFPM.org.

You will need your username and password to log in to the website. Click on Log In, then My Meetings, then select Meeting Documents under 2018 International Petrochemical Conference.



# Welcome to the 2019 International Petrochemical Conference

We're excited to be back in San Antonio  
and glad you could join us!

Today's petrochemical companies are experiencing unprecedented growth and driving progress around the world. With this growth comes new challenges, and we've built a program addressing some of the key issues you're facing in your business today, including life cycle management, sustainability, the role of petrochemicals in the new mobility landscape, and diversity and inclusion.

This year's program offers an exciting lineup of speakers. You'll hear about changing geopolitics and the impacts of global petrochemical trade from best-selling author Robert Kaplan, who has spent more than two decades analyzing geographic, political, technological, and economic trends. Our International Petrochemical Luncheon will offer a standout panel featuring former Vice President Dick Cheney, former Canadian Prime Minister Stephen Harper, and former Mexican President Felipe Calderon. Seeing these three North American leaders on one stage is a rare opportunity not to be missed. And you'll also hear from senior leaders in the petrochemical industry, renowned academics studying human behavior, Silicon Valley investors, and other engaging experts.

Once again, the International Base Oils & Waxes Conference will be held in conjunction with IPC. As many of you know, this is the only conference in North America that focuses on paraffin waxes, so don't miss the opportunity to participate in important regulatory, technical, and marketing discussions that impact this segment of our industry.

Our program will offer several networking opportunities for you to connect further with your industry peers. I'm confident that you will gain valuable connections, insights, and perspectives to take back to your businesses.

Thank you for attending the International Petrochemical Conference and for your continued support of AFPM.



**Chet M. Thompson**  
President and CEO

American  
Fuel & Petrochemical  
Manufacturers

# Monday, March 25

## General Session

8:00 am – 10:00 am

Lone Star ABC, Second Floor

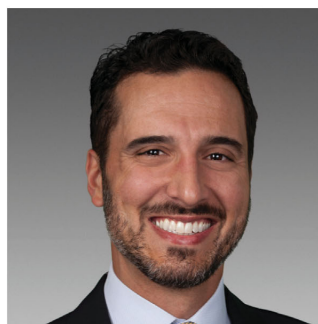
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### Welcome



**Chet M. Thompson**

President & CEO  
AFPM  
Washington, DC



**President:  
Raphael Crawford**

Chairman  
AFPM Petrochemical  
Committee

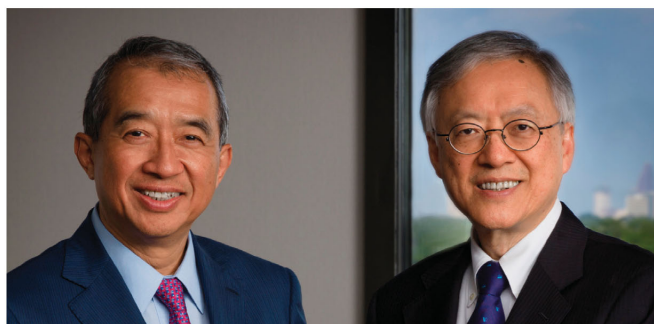
President, Catalyst Solutions  
Albemarle Corporation  
Houston, TX

### Presentation of the 23rd Petrochemical Heritage Award



Presentation by:  
**Robert G. W. Anderson**

President and CEO  
Science History Institute  
Philadelphia, PA



Award Recipients:

**Albert Chao**

President & CEO  
Westlake Chemical  
Corporation  
Houston, TX

**James Chao**

Chairman  
Westlake Chemical  
Corporation  
Houston, TX

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### Changing Geo-Politics and the Impacts on Global Petrochemical Trade



**Robert D. Kaplan**

Managing Director  
Eurasia Group

Moderator:  
*Chet M. Thompson,  
President & CEO, AFPM*



**General Session**

2:00 pm – 2:45 pm

Lone Star ABC, Second Floor

**Life Cycle Management & Sustainability: A Panel Discussion**

President:  
Jim Becker

Vice President,  
Polymers & Sustainability  
Chevron Phillips Chemical  
Company LP  
The Woodlands, TX



Sheryl Corrigan

Director of Environmental,  
Health and Safety  
Koch Industries, Inc.  
Wichita, KS



Danielle Joseph

Investment Officer  
Closed Loop Partners  
New York, NY



Dr. Rachel Meidl

Professor and Fellow in  
Energy and Environment,  
Center for Energy Studies,  
Rice University's Baker  
Institute for Public Policy,  
Houston, TX

**General Session**

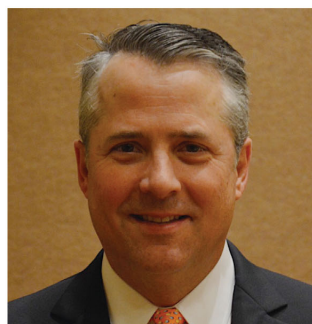
2:45 pm – 3:30 pm

Lone Star ABC, Second Floor

**Engaging the Next Generation: A Panel Discussion**

President:  
Jaime Zarraby

Senior Vice President,  
Communications  
AFPM  
Washington, DC



Chuck Alvarez

Chief Executive Officer  
Cameron-Brooks, Inc.  
Fredericksburg, TX



Julia Christenson

Executive Vice President  
Edelman  
Washington, DC



Molly Sands

People Scientist  
Humu Inc.  
Mountain View, CA

# Monday, March 25

continued

## General Session, continued

3:45 pm – 5:00 pm

Lone Star ABC, Second Floor

### Get the Best Out of Your Workforce with Inclusion – A Panel Discussion

*Sponsored by BASF Corporation, The Dow Chemical Company,  
and LyondellBasell Industries*



Speaker and Moderator:  
Dr. Steve Robbins

Founder of S.L. Robbins and  
Associates  
Grand Rapids, MI



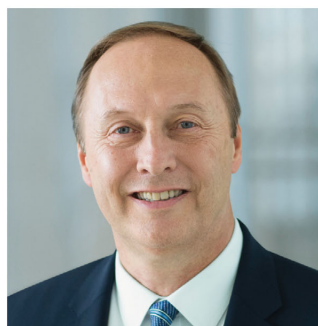
Jane Palmieri

Business President,  
Dow Polyurethanes and  
Chlor-Alkali & Vinyl  
The Dow Chemical Company  
Saginaw, MI



Bhavesh V. (Bob) Patel

Chief Executive Officer  
LyondellBasell Industries  
Houston, TX



Wayne Smith

Chief Executive Officer  
BASF Corporation  
Florham Park, NJ

## Diversity and Inclusion Networking Reception

5:00 pm – 6:00 pm

Lone Star Prefunction A

At the conclusion of the General Session, our panel will host a  
networking reception to continue the conversation.

*Sponsored by BASF Corporation, The Dow Chemical Company, and  
LyondellBasell Industries*



## Base Oils and Waxes Session

2:00 pm – 5:00 pm

Presidio AB, Third Floor

Presider:

*Harry "Ernie" Henderson*

President

K & E Petroleum Consulting  
Oklahoma City, OK

### Hydrolyzed Rice Bran Wax: Alternative to Microcrystalline Wax for Rubber Products

*Yoji Nakamura*

Nippon Seiro Co., Ltd.  
Tokyo, Japan

### A Global Scenario for Base Oils: Expected Developments in Supply & Demand

*James Ray*

Senior Consultant  
ICIS  
Houston, TX



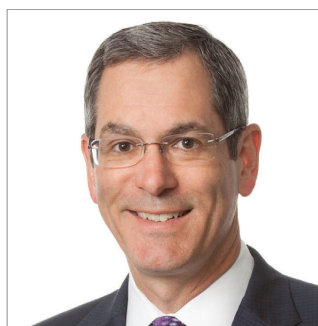
## Tuesday, March 26

### Petrochemical Forum

9:30 am – 10:15 am

Lone Star ABC, Second Floor

#### Politics, Technology, Cost: What are the Future Drivers of Competitive Advantage? – A Panel Discussion



Moderator:  
Colin Gouveia

Vice-Chairman, AFPM  
Petrochemical Committee  
Vice President and General  
Manager, Chemical  
Intermediates, Eastman  
Chemical Company  
Kingsport, TN



Duane Dickson

Vice-Chairman,  
US Oil, Gas, & Chemicals  
Sector Leader,  
Global Oil, Gas & Chemicals  
Consulting Leader,  
Deloitte Consulting LLP  
Stamford, CT



Steve Weber

Vice President, Refining and  
Petrochemical Consulting  
Argus Media  
Houston, TX



Steve Zinger

Senior Vice President,  
Chemicals  
Wood Mackenzie  
Houston, TX

### Petrochemical Forum

10:15 am – 11:00 am

Lone Star ABC, Second Floor

#### Petrochemicals' Role in Changing Mobility Landscape – A Panel Discussion



Moderator:  
Dr. Robert Kumpf

Specialist Executive  
Deloitte Consulting LLP  
Pittsburgh, PA



Kurt Barrow

Vice President, Oil Markets,  
Midstream & Downstream  
IHS Markit  
Houston, TX



Michael A. Hickner

Professor, Materials Science and  
Engineering, Affiliated Faculty,  
Department of Chemistry,  
Department of Chemical  
Engineering, Associate Director,  
Materials Research Institute  
The Pennsylvania State University  
University Park, PA



Roman Kramarchuk

Head Energy Scenarios,  
Policy & Technology Analytics  
S&P Global Platts  
New York, NY

# Tuesday, March 26

*continued*

## International Petrochemical Luncheon

11:30 am – 2:00 pm

Texas Ballroom, Fourth Floor

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### North American Geo-Politics and the Energy Industry: Former Leaders Reflect

These distinguished North American leaders will share their experiences in office and provide insight on the evolving North American relationship. Hear some of the most important voices in North American politics discuss the geopolitical issues they faced when in office and the current state of world affairs.

*Note: This is a ticketed event.*



Moderator:  
**Chet M. Thompson**

President & CEO  
AFPM  
Washington, DC

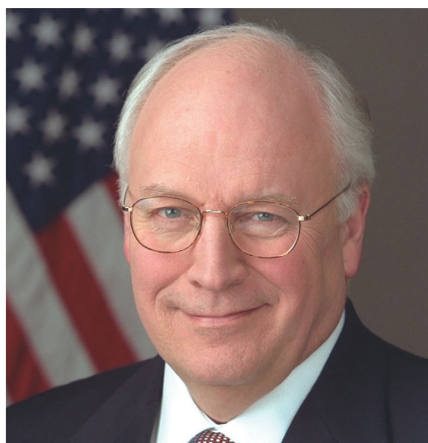
### Guest speakers:



**The Honorable Felipe Calderón**

56th President of Mexico

Felipe Calderon is one of Latin America's most distinguished leaders, serving as President of Mexico from 2006 to 2012. He is internationally recognized as a President who strengthened the rule of law and enabled the economic recovery of Mexico after the world economic crisis.



**The Honorable Dick Cheney**

46th Vice President of the United States

Dick Cheney helped shape American politics over four decades in positions ranging from White House chief of staff, member of the House of Representatives, Secretary of Defense, and as Vice President of the United States (2001-2009). In the private sector Cheney served as chief executive officer of the Halliburton.



**The Right Honourable  
Stephen Harper**

22nd Prime Minister of Canada

Stephen Harper served as Canada's Prime Minister from 2006 to 2015, one of the longest-serving Conservative Leaders to hold this office. He created the modern Conservative Party of Canada and won three successive national elections, in 2006, 2008, and 2011.



# Petrochemical Committee

## Officers



*Raphael Crawford,  
Chairman  
Petrochemical  
Committee,  
Albemarle Corporation*



*Lindsey Stephens,  
Chair, Petrochemical  
Statistics Subcommittee,  
The Dow Chemical  
Company*



*Robert Benedict,  
Committee Secretary,  
Senior Director,  
Petrochemical,  
Transportation &  
Infrastructure,  
AFPM*

## Members



*Dorothee Arns,  
CEFIC*



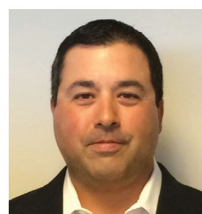
*Paul Augustowski,  
LyondellBasell Industries*



*Marilyn Wood Blaschke,  
Baker Hughes, A GE  
Company*



*Joe Blommaert,  
ExxonMobil Chemical  
Company*



*Lance Broussard,  
Nalco Energy Services*



*Caroline Ciuciu,  
EPCA*



*Ronald Corn,  
Chevron Phillips  
Chemical Company LP*



*Frank Chris D'Anna,  
Enterprise Products  
Operating LLC*



*Manuel Diaz,  
APLA*



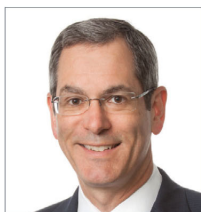
*William Diebold,  
Braskem America, Inc.*



*Monte Edlund,  
Huntsman Corporation*



*Aaron Gabelnick,  
Motiva Enterprises LLC*



*Colin Gouveia,  
Eastman Chemical  
Company*



*Eddy Johnson,  
BASF Corporation*



*Ben Liao,  
Formosa Plastics  
Corporation, USA*



*Douglas May,  
The Dow Chemical  
Company*



*Tracie McCall,  
Marathon Petroleum  
Company*



*John Medico,  
TPC Group*

# Petrochemical Committee

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## Members



Francis Murphy,  
Flint Hills Resources, LP



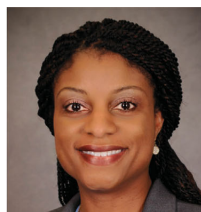
Richard Rennard,  
Arkema Inc.



David Savage,  
NALCO Champion



Karl Schmidt,  
CITGO Petroleum  
Corporation



Olga Sessions,  
SABIC AMERICAS



Edward J. Simpson,  
Shell Oil Products U.S.



Steve Smithey,  
BP Petrochemicals



Sridhar Srinivasan,  
Honeywell Inc.



Skip Teel,  
Westlake Chemical  
Corporation



Richard Thomas,  
Total Petrochemicals &  
Refining USA, Inc.



Gary L. Wallace,  
INEOS Olefins &  
Polymers USA

## 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.**



# Sponsors

## Gold Level



## Silver Level



## Bronze Level



## Conference Support

Conference Show Daily  
ICIS

Diversity & Inclusion Panel &  
Networking Reception  
**BASF Corporation**  
**The Dow Chemical Company**  
**LyondellBasell Industries**

Individual Chargers  
**Albemarle**  
  
IPC Industry Leadership  
Luncheon  
**Deloitte Services, LP**

Press Supporters  
**Argus Media**  
**Chemical Week**  
**HCB**  
**Hydrocarbon Processing**  
**Inspectioneering**  
**PetroChem Wire**  
**S&P Platts**

# Map of downtown San Antonio



## Key to San Antonio Hotels

- 1** GHS Grand Hyatt San Antonio  
210.224.1234
- 2** HPR Hilton Palacio del Rio  
210.222.1400
- 3** MRC Marriott Rivercenter  
210.223.1000
- 4** SAM Marriott Riverwalk  
210.224.4555
- 5** WES Westin Riverwalk  
210.224.6500

**WE MAKE  
THE ETHYLENE,  
THAT MAKES  
THE CELLS,  
THAT POWER  
PEOPLE BEYOND  
THE GRID.**



**AFPM**

American  
Fuel & Petrochemical  
Manufacturers

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**We Make Progress**

