



MEPEC

MIDDLE EAST PROCESS ENGINEERING
CONFERENCE & EXHIBITION



**WPC
DOWNSTREAM
CONFERENCE**

Integration, strategy and leadership

TRANSFORMING PROCESS ENGINEERING THROUGH INNOVATION

14 - 16 October 2019

Bahrain International Exhibition & Convention Centre

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إندرجي الشرق الأوسط لتنظيم فعاليات الطاقة
MIDDLE EAST ENERGY EVENTS **ME³**

Day 1 - Monday, 14 Oct 2019

Kingdom of Bahrain

09:00 - 09:30 **Inaugural Ceremony**

📍 Palm Hall

Speakers

His Excellency Shaikh Mohamed bin Khalifa Al Khalifa Minister of Oil, Kingdom of Bahrain

Ahmad A. Al Sa'adi Senior Vice President, Technical Services, Saudi Aramco

Nasser A. Abanmi President, SABIC - KEMVA

09:30 - 10:30 **Ministerial Keynote Session**

📍 Palm Hall

Moderator

Dr. Sun Xiansheng Secretary General, International Energy Forum (IEF)

Speakers

His Excellency Shaikh Mohamed bin Khalifa Al Khalifa Minister of Oil, Kingdom of Bahrain

HE Parviz Ogtay oglu Shahbazov *invited* Minister of Energy, Republic of Azerbaijan

10:30 - 12:00 **Exhibition Inauguration**

📍 Hall 1

12:30 - 14:00 **VIP Lunch**

14:00 - 15:00 **Global Leadership Panel - The Future of Refining and Petrochemicals**

With the need for cleaner gasoline and diesel fuels, new challenges arise with respect to lower sulphur contents in products (particularly of marine fuels, IMO 2020), cleaner feedstocks and residual processing. Improvements, e.g. of catalysts for HDS, FCC and alkylation could help in this respect. Also, emission reduction and co-processing of renewables are big issues. The major question is: Which innovative technologies will have an impact on the future of the refining sector?

Speakers

Giuseppe Ricci *invited* CRO, ENI

Adam Czyzewski *invited* Chief Economist, PKN Orlen

Carlo Scaffardi *invited* CEO, Saras

15:00 - 16:00 **Panel Discussion - Digital Transformation Strategies in Downstream**

Not just for process control, digital technology has increasingly been utilized for a wide range of purposes including closing the generation gap between operators, RBM/RBI and simultaneous management of several facilities, with technological progress such as AI and the internet of things and big data utilization. It has become an effective tool for asset management. This roundtable discussion will consider how digital technology is currently utilized for asset integrity. What are its advantages and disadvantages? What could the ideal model of digital technology for future asset integrity look like? And what will encourage or hinder the realization of the ideal model?

Speakers

Partha P Maitra *invited* President, Jamnagar, Reliance Industries Ltd

Bryan K Glover *invited* Vice President & General Manager, Honeywell

16:30 - 17:30 **CEO Panel Session - Sustainability and Petrochemicals**

Petrochemical products are everywhere and are integral to modern societies. They include plastics, fertilisers, packaging, clothing, digital devices, medical equipment, detergents, tyres, and many

others. They are also found in many parts of the modern energy system, including solar panels, wind turbine blades, batteries, thermal insulation for buildings, and electric vehicle parts. The Future sustainability of Petrochemicals will take a close look at the consequences of the growing demand for these products, and what we can do to accelerate a clean energy transition for the petrochemical industry.

Speakers

Jim Fitterling *invited* CEO, Dow Chemical Co

Deepak Parikh *invited* Region President of North America , Clariant Corp

Walt Szopiak *invited* Vice President, Chevron Energy Technology

19:00 - 21:00 **Gala Dinner**

 [Gulf Hotel](#)

Day 2 - Tuesday, 15 Oct 2019

Kingdom of Bahrain

09:00 - 10:30 **Keynote Session**

Speakers

Seifi Ghasemi Chairman, President and CEO, Air Products

Bassam Al Bokhari CEO, Saudi Petroleum Services Polytechnic

Inventing the Future – Chevron’s Commitment to Innovation

Speaker

Walt Szopiak Vice President, Chevron Energy Technology

Ethical Practice is Foundational to Great Safety

Speaker

Ms. Deborah L. Grubbe Owner and President, Operations and Safety Solutions, LLC

10:30 - 11:30 **Special Session - Alternative Fuels and the Refinery of the Future**

There are already some well-known alternative fuels which include bio-diesel, bio-alcohol (methanol, ethanol, butane), refuse-derived fuel, hydrogen, non-fossil methane, non-fossil natural gas, vegetable oil, propane, and other biomass sources. What will the refinery of the future look like?

11:30 - 13:00 **Special Session - Polymers and the Environment**

The pollution caused by plastics in the environment is constantly growing and is receiving increasing public attention. This session will outline the problem and possible effects of plastics on the Environment. It will consider the social and political dimension and the possibilities for recycling and product design.

Speakers

Philip Law *invited* Director General, British Plastics Federation

David S Taylor *invited* Chairman, President and CEO, Procter & Gamble

Antoine Frerot *invited* CEO, Veolia

Bob Patel *invited* CEO, Lyondell Basell Industries

Arne Roy Walther *invited* Secretary General, International Energy Forum (IEF)

14:30 - 15:30 **CEO Round Table - The Future of the Retail Business Model**

Alternative energies, mobility transformations, and digitalization are changing and enabling the oil and gas retail ecosystem. The oil and gas companies and retailers should anticipate these transformations and strategize around the business models of the filling stations. Higher integration – including mobility services and digital platforms -, diversification of the services, optimized footprint, branding, and a consumer-cantered approach are among the key levers to understand the evolution of the profit pool and draw the lines of the service station of the future.

16:00 - 17:00 **Expert Panel Session - Future feedstocks, and refinery integration**

Integrating refining and petrochemical sites help reduce volatility in the petroleum value chain. When properly designed, planned and implemented, the integration will not only diversify companies’ product portfolio but will reduce site-specific costs, increase capital efficiency and elevate returns. The practical case studies in this Forum will demonstrate how strategic planning and operation of refining and petrochemical conversion units with common utilities capture long term business

benefits.

17:00 - 18:15 **AICHE Regional Chem-e-Car Competition**

 Hall 1

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