



TRANSFORMING PROCESS ENGINEERING THROUGH INNOVATION

14 - 16 October 2019

Bahrain International Exhibition & Convention Centre

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Parallel Event



Main Supporting Organization



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Day 1 - Monday, 14 Oct 2019

Kingdom of Bahrain

09:30 - 09:40 **Opening Remarks**

📍 Palm Hall

Speakers

Nasser A. Abanmi Former President , SABIC - KEMYA

Tor Fjaeran Manager Investment Arena, Equinor

09:40 - 10:00 **Keynote Speech**

📍 Palm Hall

Adapting to the Shifting Dynamics of the Global Energy Landscape

Speaker

Ahmad A. Al Sa'adi EVP Technical Services, Aramco

10:00 - 10:50 **Global Leadership Panel - The Future of Refining and Petrochemicals**

📍 Palm Hall

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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?

Moderator

Pedro Miras Salamanca President, WPC Energy

Speakers

Suleyman M Ozmen Sr. Consultant, Independent

Dr. Madhukar Garg President Refining & Petchem R&D, Reliance Industries Ltd

10:50 - 11:10 **Coffee Break**

📍 Exhibition Hall

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

16:20 - 16:40 **Coffee Break**

📍 Exhibition Hall

16:40 - 17:30 **Opening Ministerial Session**

📍 Palm Hall

Introduction

Tor Fjaeran Manager Investment Arena, Equinor

Speakers

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

His Excellency Elnur Soltanov Deputy Minister of Energy, Republic of Azerbaijan

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

17:30 - 18:20 **Panel Discussion - Digital Transformation Strategies in Downstream**

📍 Palm Hall

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?

Moderator

Milton Costa Filho Secretary General, IBP - Brazilian Petroleum, Gas and Biofuels Institute

Speakers

Norm Gilsdorf CEO, Plant.Digital

Rob Howard Senior Director - Enterprise Solution Consulting, AspenTech

Mohammed Al-Habib Regional Energy Transition Executive Director - MENATI, Baker Hughes

18:20 - 18:30 **Coffee Break**
📍 Exhibition Hall

18:30 - 19:15 **Exhibition Inauguration**
📍 Hall 1

Guest of Honor

His Royal Highness Prince Khalifa bin Salman Al Khalifa Prime Minister, Kingdom of Bahrain
(invited)

20:00 - **Gala Dinner**
📍 Gulf Hotel

Speakers

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

June Wispelwey Former CEO and Executive Director (retired), American Institute of Chemical Engineers (AIChE)

Day 2 - Tuesday, 15 Oct 2019

Kingdom of Bahrain

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

📍 Palm Hall 1

Shaping the Future for Industrial Gas Customers

Speaker

Naji Skaf President - Middle East, Egypt, Turkey, Air Products

Developing Future Innovative Workforce to Sustain Reliable Operational Excellence and Value Creation

Speaker

Bassam Al Bokhari CEO, EnergyTech

Inventing the Future – Chevron’s Commitment to Innovation

Speaker

Walt Szopiak Vice President, Chevron

Ethical Practice is Foundational to Great Safety

Speaker

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

10:30 - 10:40 **Coffee Break**

📍 Exhibition Hall

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

📍 Exhibition Hall

14:30 - 15:00 **Coffee Break**

📍 Exhibition Hall

15:00 - 15:40 **Special Session - The Permian Success Story and the Resurgence of the U.S. Refining Sector**

📍 Palm Hall 1

Speaker

Gerardo Uria Vice President, American Petroleum Institute

17:00 - 17:50 **Expert Panel Session - Future Feedstocks, and Refinery Integration**

📍 Palm Hall 1

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.

Moderator

Dr. Pierce Riemer Director General, WPC Energy

Speakers

Rob Howard Senior Director - Enterprise Solution Consulting, AspenTech

Keith A. Couch Senior Director Business Development, Honeywell UOP

17:30 - 18:45 **AICHE Regional Chem-e-Car Competition**

 Hall 1

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