



# ASIAN DOWNSTREAM SUMMIT

2018

**Press release:** for immediate release

September 2018

## **Top refiners, petrochemical & specialty chemicals to attend Asia's biggest downstream oil & gas technology tradeshow in Singapore**

*Refining, Petrochemical, Technology, Tradeshow, Oil & Gas, Automation, Manufacturing, IIoT, Industry 4.0*

Header: Asia's largest tradeshow on Refining & Petrochemical Technologies, Asian Downstream Summit will be held on 31<sup>st</sup> October – 1<sup>st</sup> November 2018 in Singapore. ADS2018 will focus on core refining technologies with a special focus on the key topic Industry 4.0.

ADS is the anchor oil and gas event during **Singapore International Energy Week (SIEW)**, hosted by the **Energy Market Authority**. The event will gather 1,000+ industry professionals and oil & gas leaders under one roof to offer insights on the latest innovations in the industry. **Singapore International Energy Week (SIEW)** is expected to attract over 13,000+ energy professionals in Singapore.

**Asian Downstream Summit** remains THE **must-attend** show for the industry to converge and discuss how these technologies are revolutionizing their operations, maximizing their efficiency and improving their margins.

Hosting more than 80+ speakers, 40+ international sponsors & exhibitors and 1,000+ attendees & Key Government Officials including Ministerial Delegations, Asian Downstream Summit brings together decision makers to address the future of the downstream oil & gas industry.

Over 400+ industry leaders including refiners, petrochemical players, and chemicals manufacturers, EPCS, consultants and leading technology experts have already registered for the Asian Downstream summit this year.

Notable companies in attendance include:

ADNOC Refining	Petrochemical Corporation of Singapore
Air Liquide	Pertamina
Aramco Asia Singapore	Petrobras
Bangchak Corporation Public Company Limited	Petronas Penapisan Terengganu (PPTSB)
Binh Son Refining & Petrochemical	Petronas Downstream
BP Singapore Pte Ltd	PT. KREASINDO RESOURCES INDONESIA
Borouge Pte Ltd	PTT Global Chemical
COSMO OIL INTERNATIONAL PTE. LTD	Reliance Industries Ltd
Denka Chemicals Holdings Asia Pacific Pte Ltd	SABIC Asia Pacific Pte Ltd
ExxonMobil Research and Engineering	Shell
Honeywell UOP	Singapore Refining Company
KBC (A Yokogawa Company)	S-Oil
MOL Hungarian Oil & Gas PLC	SK Global Chemical Singapore Pte Ltd
PEMEX	Thai Oil

Asian Downstream Summit will feature a Track on Downstream Technologies for Refining & Petrochemicals showcasing the latest technology applications by leading solution providers.



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Track 2: Downstream Technologies for Refining & Petrochemicals  
**Crude-to-Consumables: Transforming the Refining & Petrochemicals Sector**



Presented by: **Sourabh Mukherjee**  
Director of Petrochemicals  
Jacobs

31st October 2018 | 11.50 - 12.10pm

Around the globe, there is considerable interest in the concept of a Crude-to-Consumables (“C2C”) complex where crude oil is converted to consumable products such as petrochemicals instead of into traditional transportation fuels.

There will be a continuing role for new liquid-based steam crackers, and a significant role for heavy naphtha reforming for aromatics to meet growing paraxylene demand. At the same time, the global outlook in demand growth of transportation fuels does not appear to be as strong as the growth story around the petrochemicals world.

Sourabh will describe trends in global crude oil and petrochemical demand growth and discuss the impact of shale gas on the cost of ethylene production versus other global feedstocks as well as on the economics of the C2C configuration and project IRR versus conversion to chemicals.

Track 2: Downstream Technologies for Refining & Petrochemicals  
**Bridging the Refinery-Petrochemical Gap with Fluidized catalytic cracking technologies**



Presented by: **Mai Phuong Do**  
Senior Technology Advisor  
Axens

31st October 2018 | 12.10 - 12.30pm

Refinery and Petrochemicals integration is increasingly being viewed in the Oil industry as a way to balance market risks over a wider range of applications. In addition, many long term projections which are developed to assist Oil companies or private companies in decision making in an ever changing business environment, identify Light Olefins and Aromatics as healthy growth markets

For these reasons, conventional Residue Cat Cracking technology has been used extensively as a solid platform to address the residue conversion maximization into Olefins and Aromatics. Processing heavy feedstocks while achieving high selectivity towards olefins and aromatics requires specific design knowhow, an appropriate selection of specific technology features as well as an optimized recycle management.

Through a selection of case- studies in Asian region, Mai Phuong Do will demonstrate the versatility of the R2R™ technology to fit in refinery expansion projects as well as grassroot new refinery & petchem complex.



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Track 2: Downstream Technologies for Refining & Petrochemicals  
Preparing Petchem Equipment for Entry: Can Speed and Safety Co-exist?



Presented by: Dr. Steve Matza  
Chief Scientist  
Zyme-Flow Decon Technology

31st October 2018 | 11.30 - 11.50am

ALL refineries and petrochemical plants must perform some form of decontamination every time a unit is brought down for personnel entry, hot work, and inspection. Industrial equipment must be safe for entry by destroying, neutralizing, making harmless, or removing hazardous unwanted contaminants.

Dr Steve will give an analysis of current options for cleaning and decontaminating plant equipment and share best practice introduction using unique chemistry and application. He will conduct a case study to show the reduction of time and increase in safety using best practices

## Other exciting features at Asian Downstream Summit 2018 include:

1. **Digital Transformation Awards:** recognizing top enterprising refiners and innovative solution providers across the downstream oil & gas sector for their outstanding commitment to the digital initiative.

### Categories include:

- ✍ Best digital transformation program (operator – refinery, petrochemical, chemicals)
- ✍ Best innovative technology for improving operational efficiency (digital)
- ✍ Best innovative technology for improving operational efficiency (other technology)

To vote log onto [hyperlink](#)> (Voting opens 3<sup>rd</sup> October 2018)

2. **TechTalks @ ExpoHall:** Asian Downstream Summit 2018 will also feature an interactive exhibition by top solution providers and technology experts. A purpose-built, **FREE-to-attend**, technical theatre on the exhibition floor will provide technology companies with the opportunity to host expert talks showcasing their latest innovations. TechTalks are open to all conference delegates and visitors. Topics at TechTalks include:

- **Foundations for Digital Transformation: Connecting the Workforce to the Operations** by [Edi Gittenberger](#), CEO, [Rider International](#)
- **Connect'IN™ - Drive asset performance to optimum with proactive digital advisor** by [Romain Roux](#), Advisor to CTO - New Market Development - Technology Development & Innovation, [Axens](#)
- **SDx – Smart digital transformation from Hexagon PPM** by [Adrian Park](#), Vice President Information Management & Global Business Development, [Hexagon PPM](#)
- **NaviTrack - Industry's leading work process deployment system** by [Daniel Phan](#), Consultant, [AP-Networks](#)
- **Digital Plant Optimization** by [David Turner](#), Managing Director, [Resources2 Energy Pte Ltd](#)
- **Enabling the Digital Refinery - Protecting the Refining & Petrochemical Industry from evolving cyber threats** by [Amir Grovais](#), Regional Sales Manager Middle East & APAC, [Waterfall Security Solutions Ltd](#)

3. **FREE-TO-ATTEND Workshop by KBC (A Yokogawa Company) on Digital readiness assessment:** This workshop will walk people through the process of identifying the gap between their organization and the leaders in the industry; in particular the characteristics behind the digital leadership and change management practices of those leading organizations when it comes to leading a Digital Transformation.



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To drive this analysis KBC will leverage our Digital Readiness Assessment process; and Operational Efficiency global database

4. **VIP Breakfast gathering:** This year, Baker Hughes (A GE Company), will host a VIP Breakfast gathering on 31<sup>st</sup> October from 7.50 am – 8.50 am. Registered conference delegates will be selected for this “*VIP invite only*” breakfast in an intimate setting for private networking opportunities
5. **1-to-1 private Business Meetings:** enhancing the event experience by helping you to connect with the other event attendees who are relevant to you for private networking opportunities. It is provided at complimentary for your use, as part of your participation at the event.

The program is developed by an esteemed Advisory Board consisting of the most respected industry participants who grade abstracts and select the most relevant topics for debate.

Delegates have registered from all over the world including countries like USA, UK, India, Singapore, Hungary, Netherlands, Malaysia, China, South Korea, Thailand, Vietnam, UAE, Canada, Brunei, Russia and many more....

As the region's largest downstream technology tradeshow, Asian Downstream Summit is the ideal platform for networking, seeking partnerships, and showcasing your technologies.

For more information, please visit: <http://www.downstream-asia.com>

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## About Asian Downstream Summit

The 11<sup>th</sup> Asian Downstream Summit is the region's largest conference and exhibition for the downstream refining and petrochemical industries. As one of the world's largest downstream-focused events, Asian Downstream Summit is an ideal platform for networking, seeking partnerships, and learning the latest technologies.



**Asian Downstream Summit** is the anchor event during the **Singapore International Energy Week** - expected to attract 13,000+ visitors this year.

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### Event dates and location:

Conference: 31<sup>st</sup> October – 1<sup>st</sup> November 2018  
Location: Sands Expo & Convention Centre, Singapore  
Event website: [www.downstream-asia.com](http://www.downstream-asia.com)

### For more information, interviews and media accreditation:

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