

# Argus Petrochemical Asia 2017

- ▶ Day 1: MTBE and Methanol Conference
- ▶ Day 2: Petrochemical Training
- ▶ Day 3: Aromatics Conference

17 August | Suntec Convention Centre, Singapore



## Productivity and Innovation Credit (PIC) Grant

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## Network and Engage with Industry Experts

Asia remains a key focus for the petrochemical sector, thanks to the growing presence of China in the international market. China is consolidating its position as a key supplier of finished products – leading to the risk of overcapacity in basic chemicals and putting pressure on margins. Reflecting this shift, China is considering implementing a consumption tax on road fuels that will indirectly impact chemicals products such as aromatics and octane enhancers (MTBE). The Argus Petrochemical Asia 2017 event will examine the outlook for key petrochemical commodities, featuring discussions and analysis of how market participants should adapt to the changing petrochemical landscape in Asia.

## Key Highlights

### MTBE and Methanol

- Surging MTO capacity: Will there be enough methanol?
- Asian gasoline demand and specification changes impact on MTBE markets
- New methanol and MTBE investment challenges and opportunities

#### Key Speakers



**Dom Lavigne**, Director of Government and Public Affairs, Methanol Institute



**Reza Ebadzadeh**, CEO, SPI International



**Li Kai Wei**, General Manger- Sales, Shangdong Dongming



**Lu Yiwen**, Research Department, Zhejiang Grand

### Petrochemical Training

- Petrochemical fundamentals: Value chain, jargon, chemical compounds and hydrocarbons
- Influence of feedstock on chemical production and interaction of petrochemicals with oil, gas and energy
- Price dynamics: Exploring factors affecting petrochemical price trends and forecasts
- Regional trade patterns, supply, demand and refinery methods

#### Key Speakers



**Anu Agarwal**, Senior Vice President, Argus



**Paco Rangel**, Vice – President, Aromatics, Argus



**Becky Zhang**, Petrochemical Analyst, Argus

### Aromatics

- PX Margins: How long and how much will PTA demand hold up?
- China is heading to be the world's largest importer of benzene: How will trade flows change?
- Styrene: New capacity developments and the impact on margins

#### Key Speakers



**Wang Song**, Chief Analyst, Wanhua Chemical



**Makarand Dixit**, Head of Marketing, OPAL



**Dora Zhu**, General Manager, Grand Resources



**Jens Kaatze**, Senior Vice-President, Covestro

## Media Partners



## MTBE and Methanol

Day One | 15 August 2017 | Tuesday

08:40 - 09:10

Registration and coffee

09:10 - 09:20

Chairman's welcome remarks

**Anu Agarwal**, Vice-President Petrochemicals, **Argus**

### Session One: Methanol - capacity, trade and new ventures

09:20 - 09:50

Evolution and growth forecast for MTO

**Becky Zhang**, Petrochemical Analyst, **Argus**

09:50 - 10:20

Global updates and US projects

**Dave McCaskill**, Vice President Methanol & Derivative Services, **Argus**

10:20 - 10:30

Questions and answers

### 10:30 - 11:00: Networking refreshments

Chairman: **Dom LaVigne**, Director of Government & Public Affairs, **Methanol Institute**

11:00 - 11:30

Trading mechanisms in China's domestic methanol market

**Lu Yiwen**, Research Department, **Zhejiang Grand**

11:30 - 12:00

Iranian methanol: Challenges and opportunities

**Reza Ebadzadeh**, CEO, **SPI International**

12:00 - 12:10

Questions and answer

### 12:10 - 14:00: Networking lunch

### Session Two: MTBE: A study of global developments and market trends

14:00 - 14:30

Global MTBE update: A look at the increasing price environment  
**Roel Salazaar**, Methanol & Derivatives Consultant, **Argus**

14:30 - 15:00

Clean fuels and impact on MTBE

**Clarence Woo**, Executive Director, **Asian Clean Fuels Association**

15:00 - 15:30

Study of Asian blending and mandates

**Yeo Yukin**, Vice-President Consulting, **Argus**

15:30 - 15:40

Questions and answers

### 15:40 - 16:10: Networking refreshments

16:10 - 16:40

An insight to China's latest blending tax and its impact on gasoline and octanes

**Li Kai Wei**, General Manager - Sales, **Shangdong Dongming**

16:40 - 17:10

The future of China's methanol futures and shipping markets

**Hu Qing**, Lead Analyst, **Drewry**

17:10 - 17:20

Questions and answers

17:20 - 17:30

Chairman's remarks and end of conference

**Dom LaVigne**, Director of Government & Public Affairs, **Methanol Institute**

17:30 - 19:30

Cocktail reception

## Petrochemical Training

Day Two | 16 August 2017 | Wednesday

### I. Introduction: Capturing Trainee Expectations and Objectives

### II. Morning Session: Petrochemical Basics and Energy Pricing

#### ► Global energy markets – Changes in crude, natural gas, coal, LPG and condensates and the impact on chemical production in global markets

- Changes in the global oil markets
- Impact of shale on world feedstocks
- Petroleum product demand, refinery rationalisation and impact of petrochemical feedstocks
- Changes in the global NGL and LPG markets

#### ► Introduction to petrochemical value chain

- Petrochemicals production process in crackers, refineries and on-purpose production
- Key chemical building blocks — olefins and aromatics
- Largest derivatives, their applications and demand drivers

#### ► Changing feedstock slates and the impact on chemical markets

- Impact of shale in the US

- Impact of coal in China
- Global impact of LPG supply
- Evolution of traditional naphtha crackers in Asia and Europe
- Natural gas supply and chemical investment in the Mideast Gulf

### Q+A Session

### III. Afternoon Session – Olefins and Aromatics Deep Dive Olefins: Ethylene, Propylene and Butadiene

- Basic Chemistry
- Global production slate and effect of lighter feeds
- Consumption markets
- Logistics and trade
- Market overview
- Feedstock evolution: Naphtha, ethane, LPG, coal and methanol
- On-purpose production economics and feedstock flexibility
- A drill-down into China's coal-to-olefins and methanol-to-olefins investments and impact on the ethylene market
- A close look at PDH-based propylene production and economics

# Argus Petrochemical Asia 2017

## Q+A Session

### Aromatics: Benzene, Toluene and Xylenes

- ▶ **Basic chemistry and importance of aromatics – benzene, toluene and xylenes**
  - Aromatics production – naphtha crackers, refineries, condensate splitters, coal
  - Key production processes explained – reforming, TDP, STDP
  - Effect of feedstock choice on aromatics yields
- ▶ **Gasoline markets, blend values and impact on aromatics production and pricing**
  - Blend value of aromatics
  - Impact on chemical values
- ▶ **Aromatics pricing fundamentals**
  - How global prices are set
  - Securing against price volatility

- ▶ Benzene and derivatives
- ▶ Styrene market overview
- ▶ Paraxylene and downstream market overview
- ▶ Global aromatics trade flows
- ▶ Intermediates, derivatives & end markets/industries
  - Styrene
  - Polymers overview

## Q+A Session

- ▶ Round up – summary & conclusions

**Trainers:** Paco Rangel, Vice-President, Aromatics, Argus  
Anu Agarwal, Vice-President Petrochemicals, Argus  
Becky Zhang, Petrochemical Analyst, Argus

## Aromatics

Day Three | 17 August 2017 | Thursday

**08:30 - 09:00**

Registration and coffee

**09:10 - 09:20**

Chairman's welcome remarks

**Anu Agarwal**, Vice-President Petrochemicals, Argus

### Session One: Exploring benzene

**09:20 - 09:50**

**How soon will China become the world's biggest benzene buyer?**

**Wang Song**, Chief Analyst, Wanhua Chemical

**09:50 - 10:20**

**India emerging as a bigger exporter: What's the story?**

**Makarand Dixit**, Head of Marketing, OPAL

**10:20 - 10:30**

Questions and answers

**10:30 - 11:00: Networking refreshments**

**11:00 - 11:30**

**An overview and outlook for global benzene trade**

**Paco Rangel**, Vice President, Aromatics, Argus

**11:30 - 12:00**

**Global aromatics trade atmosphere**

**Roger Van Baal**, Executive Director, Integra (Tentative)

**12:00 - 12:10**

Questions and answers

**12:10 - 14:00: Networking lunch**

Chairman: **Mahua Chakravarty**, Petrochemical Markets Editor, Argus

### Session Two: New global shifts in styrene

**14:00 - 14:30**

**Changing trade flows in SM market**

**Dora Zhu**, General Manager, Grand Resources

**14:30 - 15:00**

**Developments in phenol markets and trends**

**Jens Kaatze**, Senior Vice President, Covestro

**15:00 - 15:10**

Questions and answers

**15:10 - 15:40: Networking refreshments**

### Session Three: PX and PTA margins

**15:40 - 16:10**

**PTA futures and the impact on PX markets**

**Bohan Loh**, Petrochemical Markets Editor, Argus

**16:10 - 16:40**

**Rising PTA production capacity in China and trade margins**

**Wu Jian**, Marketing Manager, Petrochemical and Feedstock, Rongsheng

**16:40 - 16:50**

Questions and answers

**16:50 - 17:20**

**Closing panel discussion: Is aromatics poised for oversupply?**

**Roger Van Baal**, Executive Director, Integra

**Jens Kaatze**, Senior Vice President, Covestro

**Paco Rangel**, Vice President, Aromatics, Argus

**17:20 - 17:30**

Chairman's closing remarks and end of conference

# Event registration : Argus Petrochemical Asia 2017

**EMAIL:**  
asiaconferences@argusmedia.com

**FAX:**  
Complete this form and fax to +65 6533 4181

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Complete this form and post to the address below

## DATES & VENUE

15-17 August | Suntec Convention Centre, Singapore

**Three Day Pass:**  
**Standard USD 3,000**

You are selecting all dates:  
▶ **MTBE/Methanol Conference (15 August)**  
▶ **Petrochemical Training (16 August)**  
▶ **Aromatics Conference (17 August)**

**Two Day Pass:**  
**USD 2,000**

Select two:  
 **MTBE/Methanol Conference (15 August)**  
 **Petrochemical Training (16 August)**  
 **Aromatics Conference (17 August)**

**One Day Pass:**  
**USD 1,200**

Select one:  
 **MTBE/Methanol Conference (15 August)**  
 **Petrochemical Training (16 August)**  
 **Aromatics Conference (17 August)**

**For group rates, please contact Josephine. Pulvera (josephine.pulvera@argusmedia.com)**

\*Fee includes a full day of training pass to participate at all sessions, networking luncheon and refreshment breaks, one invitation to the cocktail reception and one set of conference documentation

\*\*A 7% Goods & Services Tax (GST) is applicable to all Singapore based companies for Singapore venue. Alternatively, registration fees are subject to the prevailing government tax.

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## PAYMENT METHOD

- Invoice my company (Fill the form on the right and return it to us)
- Cheque enclosed (Fill the form on the right and enclose the cheque made payable to "Argus Media Singapore Group Pte Ltd").
- Online (www.argusmedia.com/aapc)

## CONTACT US

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Subject to availability, we accept bookings for events through the online, electronic or postal submission of a registration form. Upon our communication to you (including by email) of our acceptance of your booking, there shall be a legally binding contract between you and us incorporating these Terms and Conditions.

### Payment

1. If payment is not received in full at the time of booking, your booking will be provisional until payment is received in full in accordance with paragraph 2 below. You acknowledge that we cannot guarantee bookings made on a provisional basis.
2. Payment must be made by the earlier date of the following: (i) within 30 days of the date of this invoice; (ii) by no later than 7 days before the event.
3. Fees are a fixed price and unless otherwise stated reductions and discounts cannot be offered should you not wish to attend the entire event.
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### Cancellations and Substitutions

1. If you are unable to attend the event, you may send a substitute provided that you inform us in writing to asiaconferences@argusmedia.com at least 48 hours before the commencement of the event.
2. Cancellations made in writing to asiaconferences@argusmedia.com at least 1 calendar month prior to the event will be refunded in full, less a 15% administration charge. No refunds will be given for cancellations received thereafter.
3. Failure to attend all or part of an event for any reason whatsoever will be treated as a late cancellation and no refunds will be given.
4. If the event is cancelled for any reason within our control, then the registration fee will be fully refunded. We shall not be liable for any other loss, damage, costs (including without limitation travel, visa or accommodation costs), expenses or other liabilities incurred by you in connection with such cancellation. Refunds may take up to 25 business days.

### Events

1. Our agendas are correct at the time of issue; however, it may be necessary to make some amendments to the content, speakers, location, and/or timing of the event.
2. Please advise us of any special requirements (such as access or dietary requirements) at the time of booking.
3. We reserve the right to refuse admission to an event for any reason.

4. Views expressed by speakers at the event may not be the views of Argus. All event materials are provided to you on an "as is" basis and we make no warranty as to the completeness or accuracy of such materials.

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6. You may not film, photograph or otherwise record all or any part of the event without our prior written consent.

7. You must comply with all applicable laws and any health and safety requirements (including no smoking signs) in respect of the event.

### Privacy and Marketing

1. Any personal data you disclose to us will be processed in accordance with the Data Protection Act 1998 and our privacy policy.
2. Your personal data may be used by us and carefully selected third parties to inform you about other products and services that may be of interest to you via telephone, post and/or email. If you do not wish to receive such marketing information, please contact us.
3. You agree that we may use your company name in marketing promotions in connection with this event.
4. We may record (by audio and/or visual means) all or part of the event. You agree that we may use and distribute such recordings for the purposes of training, publicity and documentation.

### General

1. It is your responsibility to arrange appropriate insurance cover for your attendance at the event.
2. You are fully responsible and liable for any loss or damage caused by you to property or individuals at an event.
3. Except in respect of death or personal injury caused by our negligence or for fraud, our total aggregate liability in connection with the event shall be limited to the fee paid by you.
4. You are responsible for safeguarding your own property at the event. We accept no liability in respect of any damage to, or theft or loss of, your property.
5. These Terms and Conditions together with the registration form set out the entire agreement between you and us.
6. If any provision of these Terms and Conditions (in whole or in part) is found by any competent authority to be unenforceable or illegal, the remainder of provisions shall remain in force.
7. These Terms and Conditions shall be governed by the laws of England and you agree to submit to the exclusive jurisdiction of the English courts.

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### DELEGATE 1 DETAILS

Name: Dr/Mr/Ms: \_\_\_\_\_  
Job Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Special dietary/disability requirements (if any):  
\_\_\_\_\_

### DELEGATE 2 DETAILS

Name: Dr/Mr/Ms: \_\_\_\_\_  
Job Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Special dietary/disability requirements (if any):  
\_\_\_\_\_

### DELEGATE 3 DETAILS

Name: Dr/Mr/Ms: \_\_\_\_\_  
Job Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Special dietary/disability requirements (if any):  
\_\_\_\_\_

Signature: \_\_\_\_\_