Scientific Program

World Congress on
Petroleum and Refinery
July 21-22, 2016    Brisbane, Australia

Hosting Organization: Conference Series LLC
e-mail: petroleum@conferenceseries.net; petroleum@omicsgroup.com
## Day 1
### July 21, 2016

**09:00-09:30** Registrations

### Quay 3

**Opening Ceremony**

### Keynote Forum

**Introduction**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:00-11:00</td>
<td>New Casing Design Criterion for Reservoirs with High Porosity</td>
</tr>
<tr>
<td></td>
<td>Nobuo Morita, Texas A&amp;M University, USA</td>
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</tbody>
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### Network & Refreshment Break 11:00-11:15 @ Quay Restaurant

### Session

**Track 1: Oil Production**

**Track 7: Oil Prices**

**Track 8: Sustainable Usage**

**Session Chair:** Seema Narayan, RMIT University, Australia

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:15-11:45</td>
<td>A comparative study of the link between real exchange rate of ASEAN countries and fossil fuel prices</td>
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<tr>
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<td>Seema Narayan, RMIT University, Australia</td>
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<td>11:45-12:15</td>
<td>Fast hydrolysis for determination of lipopeptides on solid surface</td>
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<td>Shi-Zhong Yang, East China University of Science and Technology, China</td>
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<tr>
<td>12:15-12:45</td>
<td>A new interface detection method based on heat transfer rate of oil and water</td>
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<td>Zhang Guoying, China University of Mining &amp; Technology, China</td>
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**Lunch Break 12:45-13:30 @ Quay Restaurant**

### Session Introduction

**9:30-10:00**

- The influence of sulfate on the viscosity of HPAM used in oil recovery and the concerning mechanism
  - Jin-Feng Liu, East China University of Science and Technology, China

- Inorganic nanoparticles facilitate pour point depressing ability of polymeric pour point depressants
  - Fei Yang, China University of Petroleum, China

- Synthesis and performance evaluation of high-temperature and high-salinity tolerance polymer microspheres
  - Changchun Yang, China University of Petroleum, China

- Multistage liquefaction technology for lignite and heavy oil upgrading
  - Yongbin Cui, Synfuels China Technology Co., Ltd., China

**10:00-10:30**

- A numerical study of temperature profile by coupling memory-based diffusivity model with energy balance during thermal flooding
  - Amjed Mohammed Hassan, King Fahd University of Petroleum & Minerals (KFUPM), Saudi Arabia

### Networking & Refreshment Break 10:30-10:45 @ Quay Restaurant

### Day 2
### July 22, 2016

**Quay 3**

**Panel Discussion 16:00-16:15 @ Quay Restaurant**

### Session

**Track 4: Catalytic Cracking**

**Track 6: Transportation**

**Track 9: Petroleum Industries and Management**

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<tr>
<td>9:30-10:00</td>
<td>Pilot plant experimentation to optimize the use of re-generated CoMo catalyst to process atmospheric and vacuum gas oils</td>
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<td>Nilesh Chandak, Abu Dhabi Oil Refining Company (TAKREER), UAE</td>
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<tr>
<td>10:00-10:30</td>
<td>Solution of Preventing differential pressure in fixed bed reactors for RCD Unit</td>
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<td>Ali Shaeri, National Iranian Oil Engineering and Construction Company, Iran</td>
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</tbody>
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### Networking & Refreshment Break 10:30-10:45 @ Quay Restaurant

**Micro/Nano sized polysilsesquioxanes facilitate pour point depressing activity of polymeric pour point depressants**

**Bo Yao, China University of Petroleum, China**
E-BABE-Permeability analysis of influencing factors of tight reservoir cores with high pressure
WeiQing An, China University of Petroleum, China

CFD modelling of pre-mixed natural gas-air deflagrations in an open ended tube using flacs
B A Pitkin, The University of Newcastle, Australia

Comparative study of techno-economic evaluation of the production of liquid sulphur dioxide
Navinchandra G. Ashar, Navdeep Enviro and Technical Services Pvt. Ltd, India

Effect of hydrocarbon toxicity on soil microbial community
Muhammad Atikul Islam Khan, University of South Australia, Australia

Lunch Break 13:15-14:00 @ Quay Restaurant

Experimental simulations on coal particle migration through the reservoir and wellbores during coalbed methane production
Renyuan SUN, China University of Petroleum, China

Time to bridge the gap
Mohammad A AlKazimi, Kuwait Oil Company & Ministry of Education, Kuwait

Poster Presentations @ 13:00-16:00

Study on performance and application of compound viscosity reducer aim at ultra-heavy oil
Guo Jixiang, China University of Petroleum, China

Effect of surfactants on asphaltene behaviors in the solvent deasphalting system
Kang Seok Go, Korea Institute of Energy Research, Korea

Using microwave technology to regenerate high carbon containing pt catalyst
Chih-Ju G. Jou, National Kaohsiung First University of Science and Technology, Taiwan.

Impacts of natural gas explosion pressure waves in pipes on infrastructure in the petrochemical industry
Mohammed Jabbar Ajrash Al-Zuraiji, The University of Newcastle, Australia

Networking & Refreshment Break 16:00-16:15 @ Quay Restaurant

Panel Discussion & Certificate Falicitation @ 16:15-17:00

Bookmark your dates

2nd World Congress on

Petroleum and Refinery

July 10-12, 2017  Malaysia, Kaulalumpur

e-mail: petroleum@conferenceseries.net  web: petroleumrefinery@petroleumconferences.com