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Scientific Program

World Congress on

Petroleum and Refinery

July 21-22, 2016 Brisbane, Australia



Hosting Organization: Conference Series LLC

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Day 1

July 21, 2016

09:00-09:30 Registrations

Quay 3

conferenceSeries.com 09:30-10:00

Opening Ceremony

Keynote Forum

Introduction

10:00-11:00 **New Casing Design Criterion for Reservoirs with High Porosity**
Nobuo Morita, Texas A&M University, USA

Networking & 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

Session Introduction

11:15-11:45 **A comparative study of the link between real exchange rate of ASEAN countries and fossil fuel prices**
Seema Narayan, RMIT University, Australia

11:45-12:15 **Fast hydrolysis for determination of lipopeptides on solid surface**
Shi-Zhong Yang, East China University of Science and Technology, China

12:15-12:45 **A new interface detection method based on heat transfer rate of oil and water**
Zhang Guoying, China University of Mining & Technology, China

Lunch Break 12:45-13:30 @ Quay Restaurant

13:30-14:00 **The influence of sulfide on the viscosity of HPAM used in oil recovery and the concerning mechanism**
Jin-Feng Liu, East China University of Science and Technology, China

14:00-14:30 **Inorganic nanoparticles facilitate pour point depressing ability of polymeric pour point depressants**
Fei Yang, China University of Petroleum, China

14:30-15:00 **Synthesis and performance evaluation of high-temperature and high-salinity tolerance polymer microspheres**
Changchun Yang, China University of Petroleum, China

15:00-15:30 **Multistage liquefaction technology for lignite and heavy oil upgrading**
Yongbin Cui, Synfuels China Technology Co., Ltd., China

15:30-16:00 **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 16:00-16:15 @ Quay Restaurant

Panel Discussion 16:15-16:30

Day 2

July 22, 2016

Quay 3

Session

Track 4: Catalytic Cracking

Track 6: Transportation

Track 9: Petroleum Industries and Management

Session Introduction

9:30-10:00 **Pilot plant experimentation to optimize the use of re-generated CoMo catalyst to process atmospheric and vacuum gas oils**

Nilesh Chandak, Abu Dhabi Oil Refining Company (TAKREER), UAE

10:00-10:30 **Solution of Preventing differential pressure in fix bed reactors for RCD Unit**

Ali Shaeri, National Iranian Oil Engineering and Construction Company, Iran

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

10:45-11:15 **Micro/Nano sized polysilsesquioxanes facilitate pour point depressing activity of polymeric pour point depressants**

Bo Yao, China University of Petroleum, China

Petroleum 2016

- 11:15-11:45 **E-BABE-Permeability analysis of influencing factors of tight reservoir cores with high pressure**
WeiQing An, China University of Petroleum, China
- 11:45-12:15 **CFD modelling of pre-mixed natural gas-air deflagrations in an open ended tube using flacs**
B A Pitkin, The University of Newcastle, Australia
- 12:15-12:45 **Comparative study of techno-economic evaluation of the production of liquid sulphur dioxide**
Navinchandra G. Ashar, Navdeep Enviro and Technical Services Pvt. Ltd, India
- 12:45-13:15 **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

- 14:00-14:30 **Experimental simulations on coal particle migration through the reservoir and wellbores during coalbed methane production**
Renyuan SUN, China University of Petroleum, China
- 14:30-15:00 **Time to bridge the gap**
Mohammad A AlKazimi, Kuwait Oil Company & Ministry of Education, Kuwait

Poster Presentations @ 15:00- 16:00

- P1 **Study on performance and application of compound viscosity reducer aim at ultra-heavy oil**
Guo Jixiang, China University of Petroleum, China
- P2 **Effect of surfactants on asphaltene behaviors in the solvent deasphalting system**
Kang Seok Go, Korea Institute of Energy Research, Korea
- P3 **Using microwave technology to regenerate high carbon containing pt catalyst**
Chih-Ju G. Jou, National Kaohsiung First University of Science and Technology, Taiwan.
- P4 **Impacts of natural gas explosion pressure waves in pipes on infrastructure in the petrochemical industry**
Mohammed Jabbar Ajrash Al-Zurajji, The University of Newcastle, Australia

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

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



Bookmark your dates

2nd World Congress on

Petroleum and Refinery

July 10-12, 2017 Malaysia, Kaulalumpur

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