Meetings International

Scientific Program

INTERNATIONAL MEETING ON

PETROLEUM ENGINEERING

NOVEMBER 07-08, 2017 SINGAPORE



PETROLEUM MEETING 2017

Contact Us: Meetings International PTE LTD.
28 Maxwell Road, #03-05 Red Dot Traffic, Singapore-069120
Toll Free No. 800-101-2526
Email: petroleum@meetingseries.org | chemengg@petroleummeetings.com

Scientific Program

Meetings International

Registrations
08:45-09:15

Opening Ceremony
09:15-9:30

Day 1 November 07, 2017

Hall @ Seletar Room 2, Level 3

Keynote Forum

09:30-10:15	**Title: Mechanism for conversion from methane hydrate over to carbon dioxide dominated hydrate during injection of carbon dioxide into methane hydrate filled sediments** **Bjorn Kvamme,** University of Bergen, Norway
10:15-11:00	**Title: PCP2AFE: Algorithms in dual-transforming between corner point grid of PETREL and finite element grid of ANSYS** **Mao Pan,** Peking University, China

Group Photo

Networking and Refreshments Break 11:00-11:20 @ Seletar Foyer

11:20-12:05	**Title: Vibration effects on submarine pipelines and steel catenary risers** **Chiew Yee Meng,** Nanyang Technological University, Singapore

Special Session

12:05- 13:05	**Title: CO_2 minimum miscibility pressure (MMP) correlation predicts slim tube experimental data very precisely** **Osamah A Alomair and Maqsood Iqbal,** Kuwait University, Kuwait

Lunch Break 13:05-14:00 @ Atrium Restaurant

Sessions:
Petroleum Geology | Geophysical Exploration | Hydraulic Fracturing | Advanced Drilling Technologies | Petroleum Refineries | Computer Applications in Petroleum Engineering | Computational Modelling | Petroleum Desulphurization

Session Introduction

Session Chair: Jiang Yang, Xi'an Petroleum University, China

14:00-14:30	**Title: Development of possible leakage pathways for CO_2 in between well cement and injection pipeline during injection of CO_2 for aquifer storage** **Bjorn Kvamme,** University of Bergen, Norway
14:30-15:00	**Title: Hydraulic fracturing in soils with immiscible and miscible fluids** **Hosung Shin,** University of Ulsan, South Korea
15:00-15:30	**Title: Elastic seismic imaging using acoustic propagators** **Yunyue Elita Li,** National University of Singapore, Singapore
15:30-16:00	**Title: Molecular simulations of surfactant-modified interfaces: Numerical tools and analysis** **Bjorn Kvamme,** University of Bergen, Norway

Networking and Refreshments Break 16:00-16:20 @ Seletar Foyer

16:20-16:50	**Title: Natural hydrocarbon reservoir modeling: Advantages and disadvantages of different geostatistical methods for borehole data interpolation** **Evgeniy Kovalevskiy,** GridPoint Dynamics, Russia
16:50-17:20	**Title: Molecular simulations of surfactant-modified H_2O/CO_2 and H_2O/hydrocarbon interfaces** **Bjorn Kvamme,** University of Bergen, Norway

Panel Discussions

Day 2 November 08, 2017

Hall @ Seletar Room 2, Level 3

Keynote Forum

9:30-10:15	**Title: Fracturing fluid with cellulose nanofiber and viscoelastic surfactant** **Jiang Yang,** Xi'an Petroleum University, China

Special Session

10:15-11:15	**Title: Modeling CO_2 hydrate formation during aquifer storage and during storage in CH_4 hydrate with associated CH_4 production** **Bjorn Kvamme,** University of Bergen, Norway

Networking and Refreshments Break 11:15-11:35 @ Seletar Foyer

Sessions:
Reservoir Engineering & Reservoir Simulation | Advanced Natural Gas Engineering | Petrophysics & Petrochemistry | New frontiers in Petroleum Engineering | Major Challenges in Petroleum Industry | Environmental Impacts in Petroleum Engineering | Petroleum Substitutes | Petroleum Economics

Session Introduction

Session Chair: Mao Pan, Peking University, China

11:35-12:05	**Title: PCP2AFE: Algorithms in dual-transforming between corner point grid of PETREL and finite element grid of ANSYS** **Yuyang Liu,** Peking University, China
12:05-12:35	**Title: Technology of pulse hydraulic fracturing** **Shipulin Alexander Vladimirovich,** National Mineral Resources University, Russia
12:35-13:05	**Title: Energy recovery from natural gas hydrates: Effect of horizontal flow conduit incorporation on gas and water production** **Zheng Rong Chong,** National University of Singapore, Singapore

Lunch Break 13:05-13:55 @ Atrium Restaurant

13:55-14:25	**Title: Energy recovery from natural gas hydrates: Numerical modeling of natural gas hydrate dissociation in porous media by depressurization with parametric study** **Zhenyuan Yin,** Research Institute of Petroleum Exploration and Development, China

Poster Presentation

14:25-14:55	**Title: Pressure interference identification and well spacing optimization for a multi-well pad in Zhaotong Shale, China** **Junlei Wang,** Research Institute of Petroleum Exploration and Development, China
14:55-15:25	**Title: Research on reservoir characteristics in Zhaotong area Wufeng formation-Longmaxi 11 formation high quality shale** **He Yuan,** Research Institute of Petroleum Exploration and Development, China

Award and Closing Ceremony

Networking and Refreshments Break 15:40-16:00 @ Seletar Foyer

Bookmark your dates

2ND INTERNATIONAL MEETING ON

PETROLEUM ENGINEERING

AUGUST 27-28, 2018 TOKYO, JAPAN

e-mail: petroleum@meetingseries.org | chemengg@petroleummeetings.com
Website: www.meetingsint.com/chemical-engineering-conferences/petroleum