

International Conference on

PETROLEUM ENGINEERING

August 06-07, 2018 | Dubai, UAE



August 06, 2018

Petroleum Engineering Agenda

Day 1

Conference Hall: Hall II

09:00-9:30

Registration

09:30-10:00

Opening Ceremony

10:00-10:15

Introduction

Keynote Forum

10:15-10:50

Title: A new process for harvesting natural gas from seabed gas hydrate
Boyun Guo, University of Louisiana at Lafayette, USA

10:50-10:55

Group Photo

Networking & Refreshment Break 10:55-11:10 @ Foyer

Keynote Forum

11:10-11:45

Title : Interfacial interactions in petroleum reservoirs
Dandina N. Rao, Louisiana State University, USA

11:45-12:20

Title: Underbalanced drilling (UBD) technology for tight gas reservoirs
Abdelaziz Khlaifat, Abu Dhabi Polytechnic, UAE

Workshop

12:20-13:00

Title: On the way of the discovery of new hydrocarbon targets in Tunisia: The main geological particularities of “tight” proven reservoir rocks
Hedi Negra, University of Tunis El Manar, Tunisia

Lunch Break 13:00 - 14:00 @ Restaurant

Oral Session I:

Petroleum Engineering | Reservoir Engineering & Reservoir Simulation | Oil and Gas Processing | Bio Fuel | Petroleum Desulphurization Techniques | Advances in Petroleum Engineering | Petroleum Geology

Session Chair: **Boyun Guo**, University of Louisiana at Lafayette, USA

Session Co-chair: **Dandina N Rao**, Louisiana State University, USA

14:00-14:25

Title: Adaptability of power law exponential decline model for hydraulically fractured unconventional reservoirs during and after linear flow
Haijun Fan, China University of Petroleum, China

14:25-14:50

Title: Transient flows in wellbore during killing of empty well
Hanming Xu, Southwest Petroleum University, China

14:50-15:15

Title: Modeling phase change in a gas condensate reservoirs during condensate production

Benedicta Bilotu Onoabagbe, Teesside University, United Kingdom

15:15-15:40

Title: Desulfuration processes in refinery and biorefinery: Insight into the role of catalyst protection by catalytic study in the o-xylene hydrogenation process

Alessandra Palella, University of Messina, Italy

15:40-16:05

Title: Innovative path-breaking "cold process" to manufacture sulphonating agents and sulphur-based chemicals

Jayesh Matani, Navdeep Enviro And Technical Services Pvt. Ltd, India

Networking & Refreshment Break 16:05-16:20 @ Foyer

16:20-16:45

Title: Feasibility investigation of a novel natural surfactant extracted from Eucalyptus leaves for enhanced oil recovery of carbonates: Experimental study

Ali Akbar Isari, Petroleum University of Technology, Iran

16:45-17:10

Title: Regulatory challenges to oil & gas industry and environment protection: A critical analysis of Asia

Tabrez Ahmad, University of Petroleum & Energy Studies, India

Session Adjournment

August 07, 2018

Day 2

Conference Hall: Hall II

10:00-10:15

Introduction

10:15-10:50

Keynote Forum

Title: Biofuels from bio-oils upgrading via HDO process, catalytic study with MTBE model compound

Lorenzo Spadaro, University of Messina, Italy

Networking & Refreshment Break 10:50-11:05 @ Foyer

11:05-11:40

Keynote Forum

Title: Implementation of interfacial tension and contact angle measurements to optimize brine salinity for water flooding tests in high and low acidity crude oil reservoirs

Essa Georges Lwisa, United Arab Emirates University, UAE

Oral Session II:

Major Challenges in Petroleum Industry | Environmental Impacts in Petroleum Engineering | Hydraulic Fracturing | Sustainable and Renewable Energy | Crude Oil | Geophysical Exploration

Session Chair: **Lorenzo Spadaro**, University of Messina, Italy

Session Co-chair: **Essa Georges Lwisa**, United Arab Emirates University, UAE

11:40-12:05

Title: Recent developments in enhanced oil recovery

Dandina N. Rao, Louisiana State University, USA

12:05-12:30

Title: Self-healing smart anti-corrosion coating based on functionalized carbon particles

Ahmed Tabish, Khalifa University, UAE

12:30-12:55

Title: Effect of wettability alteration in low salt water injection modeling

Beigluo, Sahand University, Iran

Lunch Break 12:50-14:00 @ Restaurant

14:00-14:25

Title: Enhanced oil recovery in carbonate reservoirs by carbonated water flooding (CWF)

Essa Georges Lwisa, United Arab Emirates University, UAE

14:25-14:50

Title: Floating power plant a solution for the power generation at offshore drilling rig

Sharafat Ali Mangi, Mehran University of Engineering & Technology, Pakistan

Poster Session 14:50 - 15:30 @ Foyer

PE: 01

Title : Challenge of water saturation in low resistivity cretaceous reservoirs

Bita Arbab, Iranian offshore oil company (IOOC), Iran

PE: 02

Title: The petroleum potential of the Medjez El Bab region, Tunisia

Mohamed Hedi Negra, University of Tunis El Manar, Tunisia

Networking & Refreshment Break 15:30 - 15:45 @ Foyer

Conference Adjournment

