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Scientific Program

International Conference on

Petroleum Engineering

August 06-07, 2018 | Dubai, UAE



August 06, 2018	Petroleum Engineering Agenda	Day 1

Conference Hall: Gold

09:00-9:30	**Registration**
09:30-10:00	**Opening Ceremony**
10:00-10:15	**Introduction**
10:15-10:50	**Keynote Forum** **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

11:10-11:45	**Keynote Forum** **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
12:20-13:00	**Workshop** **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 Onoabhagbe,** 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: Gold

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

