12TH WORLD CONGRESS ON

OIL, GAS & PETROCHEMISTRY

MARCH 18-19, 2020 | LAS VEGAS, USA



Petrochemistry 2020

Invitation

Dear Attendees,

Meetings International proudly announces the 12th World Congress on Oil, Gas & Petrochemistry scheduled during March, 18-19, 2020 in Las Vegas, USA. The conference emphasizes the theme "Emerging technologies and challenges in Oil, Gas & Petroleum industry".

Petrochemistry 2020 is an excellent platform for professionals and who are working in the field. This is going to be the largest and most promising international conference where oil, gas & petrochemistry engineering professionals and decision-makers will come to discuss various aspects. Oil, Gas & Petrochemistry offers a platform to globalize the invention by introducing among scholastic associations and learning exchange from research to industry. Meetings International has been associated with national and international associations, corporations and high-level individuals, dedicated to hosting world-class conferences and events. Meetings Int. supports broad scope research and peer review at a broad range of specialists around the world.

Sincerely,

Operating Committee

Petrochemistry 2020











Conference Highlights

- Petroleum Engineering and its Industrial Application
- Advanced Oil and Gas Technologies
- Petro Chemistry and Process Engineering
- Petroleum Geology and Geo-Physical Exploration
- Reservoir Engineering and Reservoir Simulation
- Energy Conversion and Storage
- Hydraulic Fracturing
- Drilling and Well Operation Technology
- Oil Refining
- Environmental Hazards of Petroleum









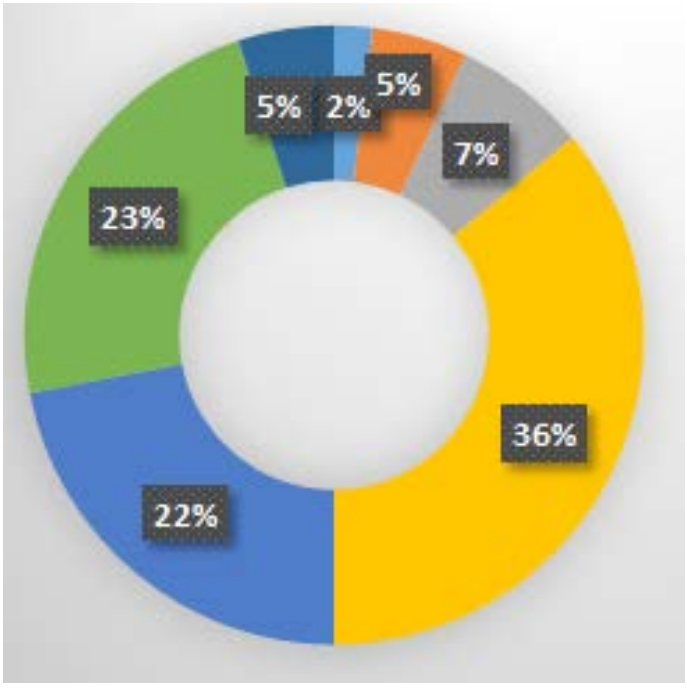




To identify the future directions of research

Peer review and high quality publication

Quality research



Explore Las Vegas

City of Las Vegas and often known simply as Vegas, is the 28th-most populated city in the United States, the most populated city in the state of Nevada, and the county seat of Clark County. The city anchors the Las Vegas Valley metropolitan area and is the largest city within the greater Mojave Desert. Las Vegas is an internationally renowned major resort city, known primarily for its gambling, shopping, fine dining, entertainment, and nightlife. The Las Vegas Valley as a whole serves as the leading financial, commercial, and cultural centre for Nevada. RTC Transit is a public transportation system providing bus service throughout Las Vegas, Henderson, North Las Vegas and other areas of the valley. Inter-city bus service to and from Las Vegas is provided by Greyhound, BoltBus, Orange Belt Stages, Tufesa, and several smaller carriers.

Las Vegas Attractions



Conference Agenda 2018

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 Chair: **Tabrez Ahmad**, University of Petroleum & Energy Studies, India
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: Petroleum laws and sustainable development: A critical analysis of India** **Tabrez Ahmad,** University of Petroleum & Energy Studies, India
12:30-12:55	**Title: Geology and reservoir quality changes in the Aptian M'Cherga series in Central-Northern Tunisia** **Mohamed Hedi Negra,** University of Tunis El Manar, Tunisia

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: Health safety and environment, HSE in oil and gas industry** **Atukwase Alex Makambura,** Makerere University, Uganda

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



Conference Agenda 2019

Conference Hall: Khaled Abdulmohsen Al Hokair Meeting Hall

09:00-09:45	**Registrations**
09:45-10:00	**Introduction**
10:00-10:40	**Keynote Forum** **Title: Electrochemical nanoparticle injection technique to repair wellbore leakages** **Yunping Xi**, University of Colorado, USA

Group Photo 10:40 -10:45

Networking & Refreshment Break 10:45-11:00 @ Foyer

11:00-11:40	**Keynote Forum** **Title: Recovery of tight oil reservoir considering wettability alteration by adding surfactant additive agent** **Shuai Li**, PetroChina, China
11:40-12:20	**Title: Natural gas blowouts in KG basin, east coast of India: Implications for environmental secenarios** **Nadimikeri Jayaraju**, Yogi Vemana University, India
12:20-13:00	**Title: Challenges & solutions: New nano-materials for renewable energy applications** **Shabana Parvin Shaikh**, SP Pune University, India

Lunch 13:00-14:00 @ La Mode Restaurant

14:00-14:40	**Keynote Forum** **Title: A fractal model for threshold pressure gradient of tight oil reservoirs** **Xiuyu Wang**, China University of Petroleum, China

Oral Session I:
Hydraulic Fracturing | Global Oil and Gas Reserves | Advance Drilling Technologies and Safety | Crude Oil Processing and Desulphurization

Session Chair: **Shuai Li**, PetroChina, China

14:40-15:00
Title: A novel approach for formulating CO_2 foam based fracturing fluid by synthesized grafting copolymerization to enhance its stability for HPHT shale reservoirs
Sahil Chaudhary, DIT University, India

15:00-15:20
Title: Silica suspensions combined effect with PPG, polymer and low salinity water flooding for enhanced oil recovery
Imran Akbar, China University of Petroleum, China

15:20-15:40
Title: Visual analysis of surfactant solution flooding in micro fluidic chip at different injection rates to optimize the recovery
Muhammad Usman Tahir, China University of Petroleum, China

15:40-16:00
Title: A forward modeling method based on electromagnetic theory to measure the parameters of hydraulic fracture
Liming Zhang, China University of Petroleum, China

Networking & Refreshments 16:00-16:20 @ Foyer

Oral Session II:
Oil and Gas Processing | Oil Formation | Biofuels and Biodiesels

Session Chair: **Shuai Li,** PetroChina, China

16:20-16:40
Title: Soft sensor methodology for the precise spatial and temporal prediction of thermodynamic states inside chemical reactor
Guenther Holzer, Prozess Optimal CAP GmbH, Austria

16:40-17:00
Title: Risk identification and assessment of an LNG regasification facility
Peter Cockcroft, Pertamina, Singapore

17:00-17:20
Title: A new approach for modeling of catalytic processes in industrial column apparatuses
Christo Boyanov Boyadjiev, Institute of Chemical Engineering, Bulgaria

Conference Adjournment



Glimpses of Oil, Gas & Petrochemistry events

















https://www.meetingsint.com/conferences/petrochemistry

Venue



Important Dates

Early Bird: ***September 30, 2019***

Registration Open: ***July 25, 2019***

Abstract Submission Open: ***July 25, 2019***

On Spot Registration: ***March 18, 2020***

Useful Links

Home Page
https://www.meetingsint.com/conferences/petrochemistry

Registration
https://www.meetingsint.com/conferences/petrochemistry/registration

Abstract Submission
https://www.meetingsint.com/conferences/petrochemistry/abstract-submission

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