


# Scientific Program

8<sup>th</sup> International Conference on  
**Petroleum Engineering**  
& 9<sup>th</sup> International Conference and Expo on  
**Oil and Gas**

October 15-16, 2018 | Rome, Italy



**UK: Conference Series Ilc LTD**  
47 Churchfield Road, London, W3 6AY  
Toll Free: +0-800-014-8923

# DAY-1

October 15, 2018

Meeting Hall: **Olimpica 3+4**

09:00-09:30 Registrations

## Opening Ceremony ..... 09:30-09:55

### KEYNOTE FORUM

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09:55-10:00 Introduction

10:00-10:40 **Title: Petrochemicals-derived fluorescent nanoparticles for tracer applications**  
Valery N. Khabashesku, Baker Hughes a GE Company, USA

10:40-11:20 **Title: Thermogravimetric monitoring of visbreaking unit in oil refineries**  
Angel Gonzalez-Delgado, CEPSA, Spain

### GROUP PHOTO 11:20 – 11:30

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**Networking & Refreshments 11:30-11:50 @ Foyer**

**Sessions: Reservoir Engineering | Field Development & Production Operations | Advances in Petroleum Engineering | Petroleum Distillation and Refining | Sustainable & Renewable Energy | Downstream Operations & Developments | Enhanced Oil Recovery and Refining | Petroleum Science and Technology**

**Chair:** Valery N. Khabashesku, Baker Hughes a GE Company, USA

**Co-Chair:** Angel Gonzalez-Delgado, CEPSA, Spain

### INTRODUCTION

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11:50-12:20 **Title: Reasonable allocation for water producing gas well in tight gas reservoir**  
Zhao Xin, Research Institute of Petroleum Exploration and Development, China

12:20-12:50 **Title: Fracturing geological model and fracturing optimization in tight gas reservoir**  
Fu Ninghai, Research Institute of Petroleum Exploration and Development, China

12:50-13:20 **Title: Evaluation of scaling phenomena in glass bead sand control system**  
Mohsen Fakhari, University of Leoben, Austria

**Lunch Break 13:20-14:20 @ Hotel Restaurants**

### SPONSOR TALK

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14:20-15:20 **Title: Digital project execution & management supporting E&P capital investments**  
Maurizio Granata, Business Development Executive EMIA at Hexagon PPM, Italy

## YOUNG RESEARCH FORUM

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**15:20-15:45** **Title: Influence of centrifuging conditions for sustainable recovery of fuel from oily sludge**  
Nazanin Motevali, Concordia University, Canada

**15:45-16:10** **Title: Insights into the complex interaction between hydrophilic nanoparticles and ionic surfactants at the liquid/air interface**  
Jingyu Jin, Xi'an Jiaotong University, China

**Networking & Refreshments 16:10-16:30 @ Foyer**

**16:30-16:55** **Title: Enhancing unconventional gas reservoirs characterization**  
Mohamed Omran, British University of Egypt, Egypt

**16:55-17:20** **Title: Enhanced oil recovery in reservoir formation rocks using a locally sourced material alcohol (Palm Wine)**  
Adedamola Alake, Lagos University, Nigeria

**17:20-17:45** **Title: Estimation of crude oil/brine/carbonates interactions using macroscopic and microscopic apparatuses**  
Arije Al-Khafaji, University of Leeds, UK

**17:45-18:10** **Title: 3D gravity anomaly separation method for the deep reservoir's residual thickness: Application to the Sichuan basin**  
Fangzhou Nan, Institute of Geology and Geophysics, China

## Panel Discussion

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# DAY-2

**October 16**

Meeting Hall: **Olimpica 3+4**

## KEYNOTE FORUM

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**10:00-10:40** **Title: New risk assessment method of gas influx based on five example wells in China**  
Xiaohui Wang, China University of Petroleum, China

**10:40-11:20** **Title: Dimensioning hazardous areas in a crude oil pump facility by computational fluid dynamics and by recommended practice guidelines for classifying locations: A comparison**  
Ricardo Medronho, Federal University of Rio de Janeiro, Brazil

**Networking & Refreshments 11:20-11:40 @ Foyer**

**Sessions: Advances in Petroleum Engineering |Unconventional Gas and Oil Resources |Health, Safety & Risk in an Organizational Context | Petroleum Science And Technology |Enhanced Oil Recovery And Refining**

**Chair:** Xiaohui Wang, China University of Petroleum, China

**Co-Chair:** Ricardo Medronho, Federal University of Rio de Janeiro, Brazil

## INTRODUCTION

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**11:40-12:10** **Title:** Evaluation study on The role of physical properties on the efficiency of some antioxidants  
Hassan Jalal Aziz, Salahaddin University, Iraq

**12:10-12:40** **Title:** Economic feasibility of developing oil shale and heavy oil by in situ electric heating  
Yang Hao, China University of Geosciences-Beijing, China

**12:40-13:10** **Title:** Investigation of water film rupture time in entrapped oil recovery during high pressure gas injection at different miscibility conditions  
Behzad Rostami, University of Tehran, Iran

**Lunch Break 13:10-14:10 @ Hotel Restaurants**

**14:10-14:40** **Title:** Techniques for detecting faults and potential fractures using 3D seismic attributes  
Akbar Ali Asif, Kuwait Foreign Petroleum Exploration Company, Pakistan

**14:40-15:10** **Title:** Horizontal well for enhanced recovery technology in tight gas based on reservoir structure research  
Haifa Tang, Research Institute of Petroleum Exploration and Development, China

**15:10-15:40** **Title:** Production characteristics and productivity evaluation of horizontal wells in sulige tight gas reservoir  
Zhikai LV, Research Institute of Petroleum Exploration and Development, China

**Networking & Refreshments 15:40-16:00 @ Foyer**

## POSTER PRESENTATION 16:00–16:45 @ FOYER

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**PE-01** **Title:** Oil-source rocks correlation of biodegradation oil in wen'an slope, baxian depression, Bohai bay basin, China  
Shanshan Zhou, Institute of Geology and Geophysics, China

**PE-02** **Title:** Fracturing geological model and fracturing optimization in tight gas reservoir  
Liu Linqing, Research Institute of Exploration and Development Petro China Southwest Oil and Gas Field Company, China

**PE-03** **Title:** Enhanced oil recovery  
Mohammad Ali Saleh yahya Atiah, NIIMS University, India

**PE-04** **Title:** Laboratory study development of SLS (Sodium Lignosulfonate) surfactant for EOR material on STK field, West Java  
Erdhianto Zaky S, University of National Development Veteran Yogyakarta

PE-05

**Title:** Wellbore stability post-analysis for several wells in the South of Iran  
Ehsan Jafari Dastgerdi, Khazar University, Azaerbaijan

PE-06

**Title:** A methodology for the model-based real-time prediction of corrosion in heat exchangers  
G. Holzer, DI, Prozess Optimal CAP GmbH, Austria

## PANEL DISCUSSION

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## Awards & Closing Ceremony

**Bookmark your Dates**

9<sup>th</sup> International Conference on

**Petroleum Engineering**

**October 14-15, 2019 | London, UK**

E: [petroleumengineering@chemseries.com](mailto:petroleumengineering@chemseries.com)

Website: <https://petroleumengineering.insightconferences.com>