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Tentative Program

9th INTERNATIONAL CONFERENCE AND EXPO ON

OIL AND GAS

OCTOBER 15-16,2018 | ROME, ITALY



200+	15+	10+	50+	3+	10+	B2B
Participation	Interactive Sessions	Keynote Lectures	Plenary Lectures	Workshops	Exhibitors	Meetings

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SCIENTIFIC PROGRAM
Monday,15th October

DAY 1
Monday,15th October

08:30-09:00 Registrations

09:00-09:30 Introduction

09:30-09:50 COFFEE BREAK

09:50-11:50
Meeting Hall 01

KEYNOTE LECTURES

MEETING HALL 01

11:50-13:10 **Talks On**

- **Biofuels & Biodiesels**
- **Enhanced Oil Recovery and Refining**
- **Global Gas Recovery & Refining**

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

MEETING HALL 01

14:00-16:00 **Talks On**

- **Global Oil and Gas Reserves**
- **Impacts of Oil and Gas industries**
- **Natural gas hydrates and their science**

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Herbal and Traditional Medicine	Workshop

DAY 2
Tuesday,16th October

09:00-10:30 Meeting Hall 01 **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50 **MEETING HALL 01**

Talks On

- **Oil and Gas Industries**
- **Oil, Gas Markets & Strategies**
- **Petroleum & petrochemicals**

12:50-13:35 LUNCH BREAK

13:35-15:55 **MEETING HALL 01**

Talks On:

- **Petroleum Science and Technology**
- **Unconventional Gas and Oil Resources**
- **Upstream Process & Advancements**

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

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9th International Conference and Expo On OIL AND GAS

OCTOBER 15-16, 2018 ROME, ITALY

AGENDA

Characteristics of Over-Mature Marine Black Shale Reservoir in Lower Paleozoic

Tingshan Zhang

Southwest Petroleum University, Chengdu, Sichuan

Tingshan Zhang works as a professor and Ph.D. supervisor at Southwest Petroleum University, Chengdu, Sichuan province,China. His research interests include paleobiology, microbial geology, and unconventional oil and gas reservoirs. He earned his bachelor's degree and doctorate of science from the Department of Geology,Nanjing University, Nanjing, China, in 1982 and 1997, respectively.

Designing and Qualifying Drill String for Deviated Well Drilled in Barekuri Field and Its Effect on M.E.R

Pranav Dubey,

Quippo Oil and Gas Infrastructure Ltd

Barekuri is a drillable prospect in Baghjan area of Assam-Arakan Shelf-Slope basin system. Due to pertaining geological model problems faced in drilling deviated well is relatively higher as
compared to any other regional oil/gas field. This paper would intrude researchers, prospective client and drilling contractors across globe to overcome problems encountered in deviated wells.

Estimation of Crude Oil/brine/Carbonates Interactions Using Macroscopic and Microscopic Apparatuses

Arije Al Khafaji
University of Leeds, UK

Arije has a B.Sc. and M.Sc in petroleum engineering from the university of Baghdad with more than nine years' experience working in the Iraqi Ministry of Oil, Reservoirs and Fields Development Directorate, mainly as a reservoir engineer. She has extensive knowledge of reservoir engineering and she has been performed a full reservoir studies using reservoir simulation tools. Also, She has been involved in projects of re-development studies of mature fields, field development planning, secondary recovery by water flooding. Currently She is doing her PhD study in petroleum engineering at the university of Leeds. She is specifically studying the effect of low salinity flooding on enhance oil recovery.

Investigation of Water Film Rupture Time in Entrapped Oil Recovery during High Pressure Gas Injection at Different Miscibilitv Conditions

Behzad Rostami,
University of Tehran,
Iran

Behzad Rostami (Corresponding Author) is an associate Professor of petroleum engineering in the Institute of Petroleum Engineering (IPE) at University of Tehran. His research interests involve gas injection based methods of enhanced oil recovery, foam injection and carbonated water injection, CO_2 sequestration in Saline aquifers and depleted hydrocarbon reservoirs, gravity drainage and multi block interaction in fractured media. Rostami has authored more than 40 technical papers in international journals and also supervised more than 30 graduate students.

Improved Material Balance Equation (MBE) for Gas-Condensate Reservoirs under Significant Water Vaporization and Water Influx

Ahmed H. Ramadan

Suez University in Egypt

Ahmed H. Ramadan is a petroleum engineer graduated as the top of class 2016 from Suez University in Egypt. He worked as a Teaching Assistant at the American University of Cairo. Furthermore, he worked as a Teaching Assistant within the same university. Before graduation he held the position of the head of academy committee of AAPG student chapter and worked as a member of SPE student chapter research team.

Use of Swelling Elastomers in Drilling and Development of Oil and Gas Wells; Elastomer Research at Sultan Qaboos University

Sayyad Zahid Qamar
Sultan Qaboos University,
Muscat, Oman

Prof Zahid Qamar, Sayyad is currently associated with the Mechanical and Industrial Engineering Department, Sultan Qaboos University (SQU), Muscat, Oman. He has over 20 years of academic and research experience in different international universities. He has also worked for many years as a professional mechanical engineer in the field in the heavy engineering and fabrication industry (Manager Research and Development; Deputy Manager Design; Production Engineer; Quality Control Engineer). Apart from his experience as a researcher/academician, he has been actively involved in research and accreditation work related to engineering education. His technical research areas are applied materials and manufacturing; Applied mechanics and design; Reliability engineering; and Engineering education.

Development an Electrochemical Reactor for the Oxidation of Dibenzothiophene in Diesel Fuel by Hydrogen Peroxide generated in Situ

Ghassan H. Abdullah

University of Tikrit, Iraq

An advanced oxidation technology is proposed for oxidative desulfurization of organic sulfur compound in diesel fuel in a developed electrochemical reactor. In this process a strong and green oxidizing agent hydrogen peroxide would be in situ generated by oxygen cathodic reduction, then would be employed for oxidation of dibenzothiophene (DBT) in diesel. The oxidized DBT can be easily removed by extraction with polar solvents.

MOBILE SYSTEM FOR THE TREATMENT OF BIOLOGICAL EFFLUENTS FOR PETROCHEMICAL

Marcelo Oliveira

CTP Ambiental, BRA

Marcelo Oliveira holds a degree in chemical engineering and has his experience in the area of projects and operations of water treatment and effluents in industries. His method of approaching objective and thoughtful customer needs has already given him innovative designs from the seawater desalination area for oil drilling fluids production and this work where his attention was used to bring innovations together in a different solution.

Characterization of fatty acid and carotenoid production in an *Acutodesmus* microalga

Borhane Samir Grama

university of Constantine-Algeria

Borhane Samir Grama earned his PhD in algal biotechnology at the university of Constantine-Algeria. By means of complementary strategies of biochemistry, microbiology and biological engineering, he sought to understand the autotrophic and mixotrophic growth as well as the metabolism of new strains of algae, which he isolated from the extreme habitats of the Algerian Sahara. He was able to development novel and creative methods to control levels of oxidative stress within photosynthetic organisms to enhance production of high value bioactive compounds, which have anti-oxidant and anti-tumor properties. Currently, he is teacher-researcher at the university of Oum el Bouaghi- Algeria.

Cardanol for corrosion inhibition of aluminum alloy 5052 H32 in biodiesel

Mohamed Deyab
Egyptian Petroleum Research Institute

Dr. Mohamed Deyab is a full Professor Researcher at Egyptian Petroleum Research Institute (EPRI). He is also working as Professor Visitor at the department of engineering for innovation of the University of Salent, Italy. In addition, he was appointed as Member of Petroleum and Mineral Resources Research Council (Academy of Scientific Research & Technology). His research interests include: (a) Electrochemistry and Corrosion, (b) Nanotechnology, (c) Energy production (d) coating and nano-caoting, (f) Corrosion inhibitors, (g) Petroleum industries. He is a co-author of 100 scientific papers, 6 books and has participated in 20 scientific conferences. He is a member of the Editorial Board and a Critic of many international journals. He has also developed a number of collaborations worldwide

Utilization of Fusel Fuel as Alternative Fuels in SI engines

Obed Majeed Ali
Northern Technical University, Iraq

DR OBED MAJEED ALI is the Director of a Renewable Energy Researches Unit, Technical Institutes of Haweeja and Northern Technical University, Iraq. He did his PhD at Universiti Malaysia Pahang. He is a Chartered Engineer (*CEng*), Institute of Mechanical Engineers (IMechE) of UK and also registered with American Association for Science and Technology (AASCIT), USA and the Iraqi Engineers Society, Iraq. He has published more than 50 research articles, book and book chapter. He has published more than 25 papers in reputed journals and has been serving as a reviewer for many journals

Evaluation Study on the role of physical properties

Hassan jalal Aziz
university of Salahaddin
Iraq

Hassan jalal Aziz is lecturer in university of Salahaddin /collage of basic education /general science department. He Attend many conferences outside Iraq, the last was in Leipzig University on 13/10/2015. He published many researches in the field of his specialization in international journals.

Evaluation Study on controlling Environmental Pollutants from Kerosene fuel

Mohamad Gamil
Salahaddin University

Mohamad Gamil is expertise in minimizing sulfur containing compounds in petrol and petroleum fractions by using different technologies, in order to improve the quality of these fractions
He has the interest in searching about the antioxidants extracted from crude oil and comparing their ability and efficiency with other standard ones. He attends many international conferences related to his specialization.

A method for quantitatively evaluating paleo hydrocarbon pools and predicting secondary reservoirs: a case study of Sango Nghe Formation in the Mosuowan area, Junggar Basin

Weijiao Ma
Peking University, China

Weijiao Ma has her expertise in oil and gas accumulation. Her method for quantitatively evaluating paleo hydrocarbon pools and predicting secondary reservoirs effectively support the exploration of Qianshao low-relief uplift, with industrial oil discovered in the Qianshao1 well, in the hinterland of Junggar Basin, China

Techniques for detecting faults and potential fractures using 3D seismic attributes

Akbar Ali Asif
Kuwait foreign petroleum company, Pakistan

Delineating faults and associated fractures is of great importance as far as hydrocarbon migration and accumulation are concerned. Moreover, effective fault interpretations help in understanding the complicated three-dimensional sub-surface geometries and finally placing the wells at optimum locations. Correct delineation of faults and fracture networks plays a pivotal role for oil and gas companies in estimating hydrocarbon reserves, identifying the sweet spots and making their future decisions

Economic feasibility of developing oil shale and heavy oil by in situ electric heating

Yang Hao
China University of Geosciences-Beijing

Yang Hao has her expertise in EOR and drilling. Undergraduate Graduated from Southwest Petroleum University (petroleum engineering),Master(drilling) and doctor(EOR) graduated from China University of Petroleum (Beijing) ,and invited to University of Alberta as visiting scolar for one year

New Risk Assessment Method of Gas Influx Based on fifteen example wells

Xiaohui Wang
China University of Petroleum

Xiaohui Wang has her expertise in evaluation and passion in improving the risk assessment in deepwater drilling. Her open and contextual evaluation model based on hidden Markov model creates new pathways for improving accuracy of gas cut evaluation. She has built this model after years of experience in research, evaluation, administration in education institutions.

Oil/Gas Production Optimization and Risk Analysis by Developing New Plugin: Using Real Case Study

Turaj Behrouz
Research Institute of Petroleum Industry

Intelligent well technology has provided facility for controlling subsurface phenomenon. Early recognition of unwanted fluid production allows for rapid remedial action. Effective down hole behavior management will depends on the appropriate performance of intelligent devices in the wells with maintaining the hydrocarbon production based on the predefined criteria over the whole well/field life. However, there is still an incomplete understanding of using intelligent well concept to optimize the different objection functions regarding intelligent well/field attitude and investigation of their application risks effects.

Study The Operating Variables Of Reactive Distillation By HYSYS Software

Khaled M. Elmarimi
National Oil Corporation ,
Tripoli , Libya .

The reactive distillation model is based on a reaction model which described by chemical equilibrium or kinetic rate law and an equilibrium model in which the vapor and liquid phases are assumed to be in thermodynamic equilibrium model.

Generating an Oil Spill Risk Map Applying both GA and AHP procedures

M.A. Badri,
Research Institute for Subsea Science & Technology

Mohammad Ali Badri has completed his PhD from Isfahan University of Technology (IUT). He has been the director of Hydrodynamics research group at Research Institute for Subsea Science & Technology. He has published more than 50 papers in reputed journals and has been serving as a reviewer of:

- Journal of petroleum science & engineering, Journal of Energy Efficiency, Journal of Industrial robot and the Open Fuels & Energy Science Journal
- Horizon Research Publishing
- world academic publishing
- Bentham Science Publishers

Oil-source Rocks Correlation of Biodegradation Oil in Wen'an Slope, Baxian Depression

Shanshan Zhou
University of Chinese Academy of Sciences, Beijing,China

Shanshan Zhou is a research assistant at the Institute of Geology and Geophysics, Chinese Academy of Sciences, and she is mainly engaged in Petroleum Geology Research and Organic Geochemistry.

STUDY OF INFLUENCE OF THE ELECTROHYDRAULIC EFFECT ON HIGH-VISCOSITY OIL

N.B.Mansurov
Kazakh-British Technical University

Nurkadyr Mansurov is Bachelor student of Kazakh-British Technical University, Faculty of Oil and Gas Industry. He has completed Republic specialized physical and mathematical school in Almaty. He is the silver winner of the International Competition of Scientific Projects on Physics, Baykonyr, Kazakhstan, 2015. He has published 4 papers in Proceedings of International Scientific Conferences. He is interested in Petroleum Geology, Safety of environment in Oil and Gas Industry.

The challenges of Petroleum explorationin EastAfrican developing nations and the way forward

Mekdes Abera Aboye

Ethiopian Petroleum Supply Enterprise, AddisAbaba, Ethiopia

Mekdes Abera Aboyeisa 28 years old married female, and a mother of four month old Daughter working as Petroleum quality assurance expert and researcher at Ethiopian Petroleum Supply Enterprise for almost two years.

Sampang Sustainability Project – The Anatomy of Safely-Executed Complex Projects

Aditya Pratama,

Santos Oil & Gas, Indonesia

Aditya Pratama has more than 20 years experiences in Oil and Gas industries. He as strength in Brownfield and Turnaround project management, On shore Liquefaction Natural Gas (LNG) operations, Offshore of well production, top facilities and marine operations, EHS best practice and Plant modification & project management. Thru this successful project experience, can be used as reference and benchmark by any other Project Manager who deals with high risk project exposure of EHS, Company image and compliance.

Characterization of fatty acid and carotenoid production in an *Acutodesmus* microalga isolated from the Algerian Sahara

Borhane Samir Grama
Université d'Oum El Bouaghi

Borhane Samir Grama earned his PhD in algal biotechnology at the university of Constantine-Algeria. By means of complementary strategies of biochemistry, microbiology and biological engineering, he sought to understand the autotrophic and mixotrophic growth as well as the metabolism of new strains of algae, which he isolated from the extreme habitats of the Algerian Sahara. He was able to development novel and creative methods to control levels of oxidative stress within photosynthetic organisms to enhance production of high value bioactive compounds, which have anti-oxidant and anti-tumor properties. Currently, he is teacher-researcher at the university of Oum el Bouaghi- Algeria.

Diagenesis and its impact on the reservoir quality of Chang 7 tight sandstones in Ordos basin, China

Luofu LIU
China University of Petroleum,
China

Luofu Liu is currently a professor at China University of Petroleum, Beijing. He received his Ph.D. from Bristol University in 1978. His main technical interests are organic geochemistry and petroleum geology.

New Approach: Optimization Potential Oil Production by Integrated Subsurface Data – A Study Case: Sabak Field, Central Sumatra Basin.

Roby Oksuanandi
Padjadjaran University
Indonesia

Roby Oksuanandi is a Production Development Geologist at BOB PT. Bumi Siak Pusako – Pertamina Hulu since May 2013. Roby graduated from Padjadjaran University (UNPAD), Faculty of Geology with GPA 3.49 from scale 4.00, focused on petroleum geology, in the areas of seismic analysis, well log analysis, depositional facies and sequence stratigraphy. Roby have also been active in campus organizations such as the Student Association Department of Geological Engineering, the Indonesian Geological Student Association, and UNPAD-AAPG Student Chapter. Besides, Roby worked last semester on the thesis at **PT. Energi Mega Persada Tbk**. With title "*Facies and Geometry Analysis of Binio fm, X, Y, Z Field, Central Sumatra Basin*" and was active in many short courses, conferences and field trips arranged by AAPG, IPA and IAGI..

Prediction and Modeling of Scale Precipitation in Water Injection Process to Hydrocarbon Reservoirs

Saeed Abbasi

Iranian University of Technology, Iran

Saeed Abbasi obtained his B.S. degree in Chemical Engineering from Iranian University of Technology, Iran (IUT) in 2000 and his M.S. degree in Petroleum Engineering from Petroleum University of Technology (PUT) in 2003. Currently, he is project manager at EOR studies center of Research Institute of Petroleum Industry related to NIOC (National Iranian Oil Company) and his interested fields are formation damage especially by water injection process.

Bio- modified Asphalt Binder via Using Waste Oils and Agriculture Wastes as Eco- friendly and Sustainable Modifiers

Ragab A. A.

Egyptian Petroleum Research Institute

Publication of a book entitled "Environmentally Friendly and Economical Road Construction. "Manufacture of Specific Asphalt Binder for Use in Paving by using Waste and Low Cost Materials "LAP LAMBERT Academic Publishing .(2014)

Publication of a chapter in a book entitled "***Using of Waste and Low Cost Materials in Manufacture of Specific Asphalt Binder for Use in Paving*** Vol.2: Petrochemical of Adv. in Petroleum EngineeringStudium Press, LLC, USA. (2014).

A key member of the project **"** Enhancing Sinai population: Novel modification of soft asphalt for use in roadway network development and infrastructure applications.

New Methodology in Fracture Characterization by Petrophysics and Drilling Data

M.Parvazdavani

University of Technology

Mohammad Parvazdavani obtained his B.S. degree in Mining Engineering from Isfahan University of Technology, Iran (IUT) in 2009 and his M.S. degree in Petroleum Engineering from Sharif University of Technology (SUT) in 2011. Currently, he is Ph.D. candidate of Amirkabir University of Technology. He works in Research Institute of Petroleum Industry related to NIOC (National Iranian Oil Company) and his interested field is EOR Pilot study.

A Novel Correlation Approach to Predict Total Formation Volume Factor, Using Artificial Intelligence

Habibollah Bavarsad Shahripour
Nour Islamic Azad University

Habibollah Bavarsad Shahripour has his expertise in Upstream Oil Industries in both Academic and Industrial levels. Beside working as a leader in drilling and drilling services areas, he has never stopped research in his fields of interest. He has published some researches in scientific journals and his min interest is evaluating parameters in petroleum engineering by using soft computing approaches. In this presentation, estimating Formation volume Factor as an important reservoir parameter by developing a new correlation has been done.

A New Method to Estimate Model's Parameters for Foam Assisted Process Using Genetic Algorithm

H. Hematpur

Petroleum University of Technology, Iran

Hamed Hematpur obtained his B.S. degree in Reservoir Engineering from Petroleum University of Technology, Iran (PUT) in 2008 and his M.S. degree in Reservoir Engineering from IFP, France, 2010. He received his Ph.D. in Petroleum Engineering from Universiti Teknologi Petronas (UTP), Malaysia, 2017. Currently, he works in Research Institute of Petroleum Industry related to NIOC (National Iranian Oil Company) and his interested field is EOR Pilot.

Thermogravimetric monitoring of visbreaking unit in oil refineries

A. García Barneto
Huelva University, Spain

A. García Barneto and J. Ariza Carmona are experts on the field of thermal analysis applied to organic materials. They have developed their careers applying thermogravimetric analysis to optimize industrial processes. To this end, they have used autocatalytic models based on Prout-Tompkins equation to deconvolute thermogravimetric curves. In recent times they have applied this approach to the crude oil industry in CEPSA's refineries. A. González Delgado is a plant manager in La-Rábida CEPSA refinery (Huelva-Spain), being responsible of fuel production.

Simulation and optimization of the process of Single Well Steam Assisted Gravity Drainage method

Sadegh Baziar
Amirkabir University of Technology

Sadegh Baziar has his expertise in Upstream Oil Industries in both Academic and Industrial levels. Beside working as a leader in drilling and drilling services areas, he has never stopped research in his fields of interest. He has published some researches in scientific journals and his min interest is evaluating parameters in petroleum engineering by using soft computing approaches. In this presentation, Simulation of SAGD method as an important EOR technique has done and its main parameters in the single well condition has been optimized.

Analysis of Rig-Sensor Data and Optimization of Non-Productive Time (NPT) Using Automated Drilling Algorithm

Homayoun Ghasemi

Petroleum University of Technology, Iran

Homayoun Ghasemi is graduated from Petroleum University of Technology (PUT), Iran in petroleum engineering. His master's thesis topic was about drilling optimization software development. His field of interest is study on the applications of 4th industrial revolution (Industry 4.0), Internet of Things (IOT), and development of software in oil engineering, in particular drilling engineering.

3D gravity anomaly separation method for the deep reservoir's residual thickness: Application to the Sichuan Basin

Fangzhou Nan
Chinese Academy of Sciences

Fangzhou Nan is a research assistant at the Institute of Geology and Geophysics, Chinese Academy of Sciences, and he is mainly engaged in Ocean bottom seismograph data processing and integrated geophysical research.

Techno- Economical Studies of a CCS-EOR Project for Iranian Oil Reservoir

Fatemeh Aghasi
Tehran University,
Iran

Fatemeh Aghasi obtained his B.S. degree in Business Management from Tehran University, Iran (IUT) in 2016. Currently, she is M.Sc. of Islamaic Azad University. Her interested field is economic feasibility of EOR Pilot study.

Case Study of Full Field Simulation Fractured Anticline Reservoir

Ali Etemtam

Tripoli University

Ali Etemtam has a B.Sc in petroleum engineering from Tripoli University. Etemtam has 6-year experience working for Sirte Oil Company as a reservoir engineer. His position includes the preparation of the structural maps and conducting volumetric estimation for the petroleum reserves by the implementation of Petrel Software. He used the decline curve analysis method in predicting the future forecast, as well as preparing the static and dynamic models for the simulation studies.

Effect of Marangoni on Recovery of Bypassed Oil during CO_2 Injection

Maryam Khosravi
IOR Research Institute
Iran

PhD in petroleum engineering with researched based experiences in simulation and experiment for National Iranian Oil Company (NIOC). Managing industrial research based projects of NIOC. Supervising students and researchers of University of Tehran (UT) and NIOC

Asphaltene Mesoscale Aggregation Behavior in Organic Solvents: A Brownian Dynamic Study

Mohammad Ahmadi

University of Calgary, Canada

Mohammad Ahmadi is currently a PhD research assistant in Petroleum Engineering at University of Calgary, Canada. He holds a B.Sc. and M.Sc. degree in Reservoir Engineering from the Petroleum University of Technology, Iran. He has over six years of professional experience in modeling, designing programs, economic evaluation, production forecast, and recommending process improvements in reservoir and production engineering areas in the National Iranian Oil Company.

Proposal integral use of divi-divi fruit (*Caesalpinia coriaria*) in the scope: oil well drilling, animal nutrition and social-environmental development

Pérez-Cisneros

PDVSA Intevep Urb. Santa Rosa

Venezula

BiographyIn this work there appear the potentialities of fruit and powder of divi-divi as: water-based drilling fluids (WBDF) deflocculant, leguminous fodder for ruminants and sustainable jobs in rural communities, able to influence the primary forests protection. The tannins extract in the form of dividivi fruit powder (Caesalpinia coriaria), contains 47.0% w/w of total tannins (hydrolyzable tannins plus condensed tannins) of which 64.4% w/w corresponds to hydrolyzable tannins. Dividivi tannins in WBDF showed nine (9) times deflocculant efficiency than heavy metals commercial modified tannins.

Study on the Theory and key Problems of Managed Pressure Drilling

Liu Gonghui

Beijing University of Technology, China

Liu Gonghui, Professor, PhD. He is the President of Beijing University of Technology and a doctoral supervisor of China University of Petroleum (Beijing).

He engaged in scientific research and teaching work in the field of oil drilling, his interests especially focuses on process control, signal acquisition and processing in downhole, steering tool, perforation completion and gas drilling technology. In recent years, he has published more than 90 papers in Petroleum Journal, Petroleum Science, Journal of Petroleum Technology and other important domestic and international academic journals, and has obtained more than 10 national patents as well

CONTROL MEASURES DURING PROJECT STAGE FOR MINIMISING THE DEAD LEG IN PROCESS PIPING AT KOC GATHERING CENTRES

Ravi Bhat

Kuwait Oil Company

Kuwait Oil Company mainly executes exploration, drilling, and extraction of oil and gas within the state of Kuwait. The extracted well production (oil, gas and water) are transmitted to the Gathering Centres, where it is processed and separates oil and gas. The separated oil will be processed further and transferred to export pipeline. The separated gas will be transferred to Gas Booster Station.

Waha Reservoir Characterization and distribution in the Ralah Field

Fawzi S. F. Hamad

Sirte Oil Company for Production Manufacturing Oil & Gas

The Ralah Field is one of the concession 6 fields operated by Sirte Oil Company. It is located in the southern part of the Sirte Basin (Libya), approximately 200 km south of the Mediterranean Sea. Geographically it is located between latitude 28° 42□12□ and 28° 51□40□ North and longitude 19° 51□58□and 19° 59□57□East. The Upper Cretaceous Waha Formation is the main producer in the Ralah Field. The Waha reservoir ranges from zero thickness on the crests of the paleotopographic highs to over 45 m on their flanks.

Characterization and distribution of the Sarir Sandstone Reservoir in the Chadar Field

Ashraf A. Alaqeeli

Sirte Oil Company for Production Manufacturing Oil & Gas, Libya

The study concentrates on characterization and distribution of the Sarir Sandstone reservoir in the Chadar Field. It includes wireline logs analysis integrated with core analysis and analyzed well test data from four wells drilled in the Chadar Field; three wells explored by Mobil Oil Libya in May 1966 and one well by Sirte Oil Company for production, manufacturing of oil & gas in November 2014.The Chadar Field is part of Concession 126; it is located in eastern part of the Sirte Basin in the north central of Libya

Identification of Drainage/ Imbibitions' systems in a giant oil state

Amir abbas Askari

, Research Institute of Petroleum Industry, Southwest Of Iran

The geometry of oil-water contact in a hydrocarbon reservoir can be one of most important criteria in estimation of oil in-place and decision on how to develop the future plan. Sarvak reservoir within a wide regional in southwest of IRAN has a tilted oil-water contact from south to northeast as an unsteady reservoir.

Determination of nuclear magnetic resonance (NMR) T2cutoff in tight sandstone reservoirs: a case study of southwest Ordos Basin in China

Liang Xiao

China University of Geosciences, Beijing, PR China

Liang Xiao is now an associate professor in China University of Geosciences, Beijing, and he has been studied in the University of Tulsa, USA as a visiting scholar since June 2017. He had been a postdoctoral research fellow since 2012-2014 in China University of Geosciences, Beijing. He holds a PhD from China University of Petroleum, Beijing in 2012 in formation evaluation. Before 2009, he works as a teacher in geophysical well logging for two years in Xi'an Shiyou University. His research interests are NMR logs, petrophysics and formation evaluation in low permeability sandstones and unconventional oil & gas reservoir. More than 30 papers have been published in the last five years.

Finite Element Model to Evaluate Gas Conning Phenomenon in Naturally Fractured Oil Reservoirs

Reda Abdul Azim

United Arab

Gas conning phenomenon considered one of the prevalent matter in oil field applications as it

significantly affect the amount of produced oil , increase cost of production operation and it has a

direct effect on oil reservoirs recovery efficiency as well. Therefore, evaluation of such

phenomenon and study the reservoir mechanisms that may strongly affect invading gas to the

producing formation is crucial.

An Adaptive CPR-AMG Based Linear Solver for Simulating Highly Heterogeneous and Fractured Black-Oil Reservoirs

Ali Alizadeh

Iran

A lot of computational power and time is necessary for simulating highly heterogeneous, complex geometry and fractured reservoirs; the efficiency of these computations is a major subject especially in large-scale heterogeneous and fractured reservoirs. So, simulating large scale, complex and fractured reservoirs with both minimum time and maximum accuracy is the scope of current work.

Analysis of heat transfer in a closed cavity ventilated inside

Benseghir Omar

Energetic thermal Department,USTHB, Algiers, Algeria

In this work, we presented a numerical study of the phenomenon of heat transfer through the laminar, incompressible and steady mixed convection in a closed square cavity with the left vertical wall of the cavity is subjected to a warm temperature, while the right wall is considered to be cold. The horizontal walls are assumed adiabatic.

Development an Electrochemical Reactor for the Oxidation of Dibenzothiophene in Diesel Fuel by Hydrogen Peroxide generated in Situ

Ghassan H. Abdullah

University of Tikrit, Iraq

An advanced oxidation technology is proposed for oxidative desulfurization of organic sulfur compound in diesel fuel in a developed electrochemical reactor. In this process a strong and green oxidizing agent hydrogen peroxide would be in situ generated by oxygen cathodic reduction, then would be employed for oxidation of dibenzothiophene (DBT) in diesel.

New Methodology in Determining Well Water Gas Ratio from Water Production Salinity in Gas Reservoirs with Aquifer

M. Safari
Petroleum University of Technology, Iran

Mohsen Safari Beidokhti obtained his B.S. degree in Drilling and production engineering from Petroleum University of Technology, Iran (PUT) in 2007 and his M.S. degree (Dual Degree) in Petroleum Well Engineering from Curtin University of technology and Petroleum University of Technology (PUT) in 2010. He works in Research Institute of Petroleum Industry related to NIOC (National Iranian Oil Company) and his interested field is Well Testing and Artificial Lift.

Thermal gap for the supply of natural gas to change the power generation matrix in Ecuador, with supply and demand forecasted until 2040.

Gonzalez

Polytechnique university of Madrid, Spain

Gonzalez Born in Ecuador in October (1985) Mechanical Engineer by “Escuela Politécnica del Ejército (ESPE)” – Sangolquí, Ecuador (2012). Master's degree in energy engineering, oil and gas specialization by “Universidad Politécnica de Madrid” – Madrid, Spain (2015). He worked for several national and international companies specialized in construction and facilities in the oil and gas sector in Ecuador

Evaluation Study on controlling Environmental Pollutants from Kerosene fuel

MOHAMAD GAMIL ABDALGHANI,

Mohamad Gamil is expepertise in minimizing sulfur containing comopounds in petrol and petroleum fractions by using different technologies, in order to improve the quality of these fractions

He has the interest in searching about the antioxidants extracted from crude oil and comparing their ability and efficiency with other standered ones.He attend many international conferences related to his specialization

Biography

Utilization of Fusel Fuel as Alternative Fuels in SI engines

Obed Majeed Ali
Northern Technical University, Iraq

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- Health, Safety & Risk in an Organizational Context
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- Midstream Processes: Technology and Innovation
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