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9th International Conference On Petroleum Engineering

September 23-24 London, UK

SCIENTIFIC PROGRAM

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Monday, 23rd September

DAY 1 Monday, 23rd September



MEETING HALL 01 (16:20-17:00)MEETING HALL 01 (17:00-18:00)Young Researchers in Oil and GasWorkshop

SCIENTIFIC PROGRAM

Tuesday, 24th September

09:00-10:30 Meeting Hall 01

KEYNOTE LECTURES

10:30-10:50 COFFEE BREAK



Organizing Committee Members



Fawzi Banat Professor Petroleum Institute UAE



Tatiana Morosuk Professor Technical University Berlin Germany



Azlina Binti Abd. Aziz Associate Professor

Universiti Malaysia Terengganu Malaysia



Salim Ahmed Assistant Professor Memorial University Canada



Bharat Bhushan

Director, Nanoprobe Laboratory for Bio- & Nanotechnology and Biomimetics Ohio State University USA



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Yang Hao

China University of Geosciences-Beijing, China

Akbar ali asif KUFPEC, Pakistan

Fangzhou Nan

Institute of Geology and Geophysics, Chinese Academy of Sciences, China

Shanshan Zhou Institute of Geology and Geophysics, Chinese Academy of Science, China

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Wararat Tranganpaibul IRPC Public Company Limited, Thailand

Sestha Ngammana IRPC Public Company Limited, Thailand

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Media Purnama Security Manager, PT Badak NGL, Indonesi

Kardjono Hadi Corporate Secretary, PT Badak NGL, Indonesia

Feri Sulistyo Nugroho HR&D Senior Manager PT Badak NGL, Indonesia Hamdan Al Nuaimi Strategic Planning Engineer, Abu Dhabi Oil Refining Company (TAKREER), Abu Dhabi, UAE

Reem Al Shamsi Head, Strategic Planning Section, Abu Dhabi Oil Refining Company (TAKREER), Abu Dhabi, UAE

Hana Al Salami Manager, Strategic Planning & Performance, Abu Dhabi Oil Refining Company (TAKREER), Abu Dhabi, UAE

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Rinaldo Kamaluddin PT Badak NGL, Indonesia

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Behzad Rostami University of Tehran, Iran

Mehmet Efe Biresselioglu Izmir University of Economics, Turkey

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Guo Jianlin CNPC, China

Yan Haijun CNPC, China

Manal Hamad Al-Amiri Kuwait Oil Company (KOC), Kuwait

Tatiana Morosuk TU, Berlin

Kashy Aminian West Virgina University, USA

Azlina ABD Aziz University Malaysia Terengganu, Malaysia

Taha Elhag Heriot Watt University, UAE

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Yan Song China University of Petroleum, China Xinyang Miao China University of Petroleum, China

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Abdulrazag Zekri United Arab Emirates University, UAE

Dongsheng Wen University of Leeds, UK

Bharat Bhushan The Ohio State University, USA

Kalachand Sain Academy of Scientific & Innovative Research of CSIR, India

Khalil Sarkarinejad Shiraz University, Shiraz, Iran

Hamid A. Al-Megren Research Institute at King Abdulaziz City for Science and Technology (KACST), Saudi Arabia

Younes Noorollahi University of Tehran, Iran

Mohammed Darsi A. Nedham Ministry of Oil and Minerals, Yemen

Ailin Jia Institute of RIPED, PetroChina, China\

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Ralph-Uwe Dietrich German Aerospace Center, Germany

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Nour Sh. El-Gendy Egyptian Petroleum Reserach Institute, Egypt

Davis L. Ford University of Texas, Austin, USA

Zulkhair Mansurov Institute of Combustion Problems of the Ministry of Education and Science, Kazakhstan

Panagiota Angeli University College, London, UK

Ronald Sweatman University of Louisiana at Lafayette, USA

Russell R Chianelli University of Texas at El Paso, USA

Chandrashekhar P Joshi Michigan Technological University, USA

Franklin (Feng) Tao The University of Kansas, USA

Randy Hazlett University of Tulsa, USA

Colin Campbell Oxford University, UK

Paul F. Luckham Imperial College London, UK

Darrell Alec Patterson University of Bath, UK

Kong Fah Tee University of Greenwich, UK

Heikki Jutila Teknillinen korkeakoulu-Technology, UK

Junwang Tang University College London, UK Hussain H Ahmed American University-Sharjah, UAE

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Joseph D. Smith Missouri University of Science and Technology, USA

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Ramesh Agarwal Washington University, USA

Adango Miadonye Cape Breton University, Canada

Zhangisina G Davletzhanovna Academy of Informatization, Kazakhstan

Bulent ICGEN Middle East Technical University, Turkey

William Ampomah New Mexico Institute of Mining and Technology, New Mexico

Mileva Radonjic Louisiana State University, USA

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9th International Conference on Petroleum Engineering

SEPTEMBER 23-24, 2019 LONDON, UK



<mark>Bio</mark>graphy

Title: Presentation on: Development of a Tool for Fundamental Undersating of Multipahse Non-Newtonain Flow in Annulli

Aziz Rahman Texas A&M University at Qatar Dr. Mohammad Azizur Rahman received his PhD in Multiphase Flow from University of Alberta, Canada in 2010. Dr. Rahman joined the Petroleum Engineering Program at Texas A&M University at Qatar as an Assistant Professor in 2016. Prior his appointment, he was an Assistant Professor at Memorial University of Newfoundland and an Instructor at University of Alberta, Canada.

Indigenize Management Solution to Pakistan Excess Naphtha

Muhammad Fahad Khan Riphah International University, Rawalpindi, Pakistan Muhammad Fahad Khan is a graduate Chemical Engineer from Dawood University of Engineering & Technology, Karachi, Pakistan holding master's degree in engineering management from Riphah International University, Rawalpindi, Pakistan. He is associated with Attock Refinery Limited, Pakistan for the last eleven years.

Title: Assessment EOR Techniques Used for the Egyptian Heavy Oil FieldsBottom of Form

Jomana Tarik

Future University in Egypt School of Engineering and Technology Petroleum Engineering Department, New Cairo, Egypt Jomana was a speaker in ADIPEC 2018 discussing COTC (Crude Oil To Chemicals). Jomana Studied Hydraulic Fracturing and Enhanced Oil Recovery Techniques in Missouri University of Science and Technology and is willing to apply it to the Eastern and Western Deserts of Egypt.

Title: A New Correlations Approach for Prediction of PVT Properties of oil Reservoir

Fahimeh Gubkin Russian State University of Oil and Gas, Moscow, Russia Fahimeh Hadavimoghaddam is a PhD Candidate at Gubkin Russian State University of oil and gas. She is also an oil and gas consultant at Karandish DATA LAW FIRM. She has published more than 10 papers in journals and conferences.Her field of interest is study on development new EOR methods for unconventional reservoir anad using machine learning in petroleum engineering.

biograp

Title: Artificial Lift Design for Depleted Wells Case study: (Continuous Gas Lift & Jet Pump)

Ibrahim Ayuba Department of Petroleum Engineering AbubakarTafawaBalewa Universitv

Department of Petroleum Engineering, AbubakarTafawa Balewa University

Title: Optimizing Well Integrity Surveillance and Diagnostic for Gas Lift Wells in Mature Fields -Case History in Egypt

Mohamed Sayed Abdellatif Cairo University, Egypt Mohamed S. Abdellatif is a Petroleum Engineer at Gulf of Suez Petroleum Company since Feb, 2008 till now. He received his BSc in Petroleum Engineering from Faculty of Engineering, Cairo University, 2008. He has Ten years hands-on experience as a Petroleum Engineer in the Oil field.

Biography

Title: Mature Offshore Heavy Oil Field Development Utilizing Pioneer Intervention Method. Case Study in Egypt

Mohamed Mamdouh Aboelenin Gulf of Suez Petroleum Company (GUPCO), Egypt Mohamed has graduated from Cairo University, Faculty of Engineering, and Petroleum Department since 2007. Mohamed has more than 11 years within the oil and Gas industry in GUPCO as Petroleum Engineer. Mohamed published two papers before about the well modeling in managing well integrity the second one is about new deploying methods.

Title: NIGERIAN NATIONAL PETROLEUM CORPORATION (NNPC) IN THE GLOBAL OIL AND GAS ENERGY MARKET

Omejeh Timothy Enejoh Itakpe Campus kogi State Polytechnic, Lokoja-Kogi State.

Itakpe Campus kogi State Polytechnic, Lokoja-Kogi State.

Title: Recognition and Deepening Application Practice of Multi-reservoir and Permeable Body in Complex Gas Reservoir

Liu Linging

Exploration & Development Research Institute of PetroChina Southwest Oil & Gasfield Company, China Liu Linging has completed his MS at the age of 26 years from Southwest Petroleum University majoring in Oil and Gas Field Development Engineering, senior engineer. He is engaged in oil and gas field development engineering research, presides over a number of scientific research projects, and has published more than 10 papers.

Biography

Title: Theoretical study of CO₂ storage as hydrates in produced natural gas hydrate formation

Sheraz Ahmed CHINA UNIVERSITY OF PETROLEUM, BEIJING, P.R.CHINA The author completed his Master studies from Politecnico Di Torino, Italy in 2015 and then served for one year in Petronas Limited, a leading oil exploration and production company. In 2016, he started his Ph D in China University of Petroleum Beijing P.R China with major in Oil & Gas Field Development Engineering.

Title: MODELING OF POLYMER FLOODING FOR ENHANCED OIL RECOVERY FROM HEAVY OIL RESERVOIR – A CASE STUDY

Masoud Mostajeran

Gortani Gubkin Russian State University of Oil and Gas, Moscow, Russia Masoud Mostajeran Gortani has completed his PhD and M.S. degree from Gubkin Russian State University of oil and gas in Russia and B.S. degree from Petroleum University of technology in Iran. He has published more than 20 papers in journals and conferences .His field of interests are: Thermal EOR methods, application artificial intelligence in enhanced oil recovery.

 Title: PRME - Production & Reserves Allocation Using a Molar Equation in Gas Condensate

 Fractured Reservoir Without PSP Survey

Muhammad Hasan Reservoir Engineering Department, Ocean Pakistan Limited (OPL), Pakistan Muhammad Hasan Shahid is working as Reservoir Engineer in Ocean Pakistan Limited (OPL). He did MS Petroleum Engineering from Khazar University, Azerbaijan with distinction. He has over 10 years of experience in Reservoir Management and Simulation. His areas of interests are Carbonate Reservoirs, Well Test Analysis, Production Optimization, Reserves Estimation and Enhanced Oil Recovery.

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Biography

Title: Unlocking Potential in Multi-layered Heterogeneous Reservoirs in Poor Seismic Regions through Integrated 3D Geo-Cellular Reservoir Modelling Approach

Mohammed Ibrahim Reservoir Engineer, BP Egypt Working as senior reservoir engineer at BP-Egypt. Completed master's degree of science at petroleum engineering from Cairo University at September 2017. 9 years of industry experience as reservoir engineer

Title: Accident Analysis of Human Causal Factors in the Oil and Gas Industry from 2013 to 2017 using the HFACS-OGI framework

Chizaram Nwankwo Coventry University, Faculty of Engineering, Environment and Computing Chizaram Nwankwo is a PhD researcher in Civil Engineering, Architecture and Building at Coventry University. His Master's degree was in Petroleum and Environmental Technology at Coventry University, while his Bachelor's degree was in Biochemistry at University of Port Harcourt, Nigeria. His current PhD research is focused on designing a process safety management framework and taxonomy for the oil and gas industry.

Title: Effect of Electric field strengths on Coalescence of Water in crude oil droplets (Separation of water from crude oil emulsion)

Khalil Ali Alpelekeya University of Benghazi Alpelekeya has completed his Master in 2002 from University of Bradford. He is the technical advisor of Jowfe Oil Technology and adjunct faculty at University of Benghazi. He has published more than 3 papers in reputed journals and conferences.

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