

International Conference on
**OIL, GAS AND
PETROLEUM
ENGINEERING**

21-22
OCT 2022



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DAY 01

FRIDAY, OCTOBER 21

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
10:00 - 10:10		Introduction
10:10-10:40	12:10-12:40	Piotr Oskar Czechowski, Gdynia Maritime University, Poland Title: Improved statistical models of influence of selected air pollutants on all-cause death and pneumonia related in selected polish agglomerations
10:40-11:20	12:40-13:20	Katarzyna Chruszcz-Lipska, AGH University of Science and Technology, Poland Title: Turpentine as a biofuel

ORAL PRESENTATIONS

11:20-11:40	22:20-22:40	Saeed Aligholi, Federation University Australia, Australia Title: Automated mineral identification and its applications in rock mechanics
11:40-12:00	14:40-15:00	Nezihe Ayas, Eskisehir Technical University, Turkey Title: Factors affecting in biomass gasification and hydrogen-rich gas production
12:00-12:20	17:30-17:50	Anjan Ray, CSIR- Indian Institute of Petroleum, India Title: Novel hydrogen-free low-carbon catalytic desulfurization process with value addition of sulfur compounds present in crude oil and refinery streams
12:20-12:40	17:50-18:10	Subhrajyoti Bhattacharyya, Indian Insitute of Technology(IIT), India Title: Prediction of rate decline by machine learning in bakken shale oil wells
12:40-13:00	18:10-18:30	A.K Shandilya, Dr.HSG University, India Title: Tube wells pouring of rare gas in rocks of vindhyan super group around sagar, south ganga basin, bundelkhand region M.P. India
13:00-13:20	18:30-18:50	Vikram Mahamiya, Indian Institute of Technology Bombay, India Title: Theory of reversible hydrogen storage in metal decorated 2D nanomaterials beyond graphene
13:20-13:40	18:50-19:10	Sajan Kumar Chourasia, Gandhinagar University, India Title: An experimental study to identify tribo corrosion behaviour of various biodiesel and its potential to blend it with diesel as a supplementary fuel for CI engine
13:40-14:00	19:10-19:30	Mayur Pal, Kaunas University of Technology - KTU, India Title: Deep learning models for history matching and forecasting reservoir performance
14:00-14:20	15:00-15:20	Majdi Hazami, Energy Reseach and Technology Center, Tunisia Title: Solar Combined System, SCS, integrated in Tunisian residential applications: Energetic and exergoeconomic investigations

14:20-14:40	17:20-17:40	Olga Bukashkina, LLC Weatherford, Russian Federation Title: Stress-strain analysis of a tubing and packers system in 3-D wells
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KEYNOTE PRESENTATIONS

14:40-15:20	09:40-10:20	Marco Ludovico-Marques, Polytechnic Institute of Setubal, Portugal Title: Concept of carbon capture from natural gas wells and its storage and reuse in deep rock reservoirs
15:20-16:00	17:20-18:00	Elsayed Ahmed Elnashar, Kaferelsheikh University, Egypt Title: Novelty multi-component for collecting floating oils on the surface of the sea using inflating-velvets textiles

POSTER PRESENTATION

16:00-16:10	21:00-21:10	Nadeem Iqbal, Air University Islamabad, Pakistan Title: Oil and gas, future challenges and solution
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ORAL PRESENTATIONS

16:10-16:30	11:10-11:30	Sam Malik, Global Engineering Director Project Management Office at Orbia, United States Title: Equipment manufacturing technology
16:30-16:50	11:30-11:50	Maika Gambus-Ordaz, Universidad Industrial de Santander, Colombia Title: Geostatistical techniques applied to the prediction of an oil production time series
16:50-17:10	11:50-12:10	Luis Miguel Salas-Chia, Enhanced Recovery Research Group, Colombia Title: Effect of the variation in the concentration of the catalytic agent on the physicochemical properties of a heavy colombian crude oil subjected to a steam injection process under laboratory conditions
17:10-17:30	10:10-10:30	Yashee Mathur, Stanford University, United States Title: Data analytics for prediction of production for parent- child wells in montney formation, Canada
17:30-17:50	13:30-13:50	Aparna Aravelli, Florida International University, United States Title: Acoustic sensing for fuel quality assessment
17:50-18:10	18:50-19:10	Hamed Aboelkhair, London South Bank University, United Kingdom Title: Biosurfactant production using egyptian oil fields indigenous bacteria for microbial enhanced oil recovery
18:10-18:30	19:10-19:30	Shahab Zomorodbakhsh, Coimbra University, Portugal Title: Utilization of carbon dioxide in some organic synthesis
18:30-18:50	21:30-21:50	Kadir Aydin, Cukurova University, Turkey Title: Techno-economic analysis of methanol and ammonia production as a sustainable fuel from green hydrogen
18:50-19:10	21:50-22:10	Kamel Bou-Hamdan, Beirut Arab University, Lebanon Title: Modelling the deformation behavior of a hydraulically fractured reservoir rock under a monolayer arrangement of proppants

DAY 02

SATURDAY, OCTOBER 22

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
10:00-10:40	13:00-13:40	Delia Teresa Sponza, Dokuz Eylül University, Turkey Title: Photoreduction of CO ₂ into CH ₃ OH and CH ₄ using Bi ₂ S ₃ /CeO ₂ nanocatalyst
10:40-11:20	18:40-19:20	Qingyu Wu, Tsinghua University, China Title: Microalgae for oil accumulation and biodiesel production

POSTER PRESENTATIONS

11:20-11:30	20:20-20:30	Minjun Sohn, Saint Paul Preparatory Seoul, Korea, Republic of Title: Effective anaerobic digestion of waste activated sludge using the combined ultrasonic and alkaline pretreatment
11:30-11:40	14:30-14:40	Igor Morgunov, Federal Research Center, Russian Federation Title: The yeast torulaspora globosa as a potential producer of lipids and biodiesel
11:40-11:50	13:40-13:50	Grzegorz Klosowski, Kazimierz Wielki University, Poland Title: Composition and SEM analysis of biomass of various types after microwave-assisted hydrotropic pretreatment
11:50-12:00	13:50-14:00	Dawid Mikulski, Kazimierz Wielki University, Poland Title: Changes in the structure of lignocellulose as a result of microwave-assisted hydrotropic pretreatment
12:00-12:10	08:00-08:10	Jyoti Singh, University of Delaware, United States Title: Desmodesmus sp JS07 gene expression dynamics and engineering for enhanced lipid accumulation: Towards biofuel production
12:10-12:20	07:10-07:20	Karla Jared Azcorra May, Yucatan Center for Scientific Research, Mexico Title: Sargassum biorefineries: From waste to products

ORAL PRESENTATIONS

12:20-12:40	20:20-20:40	Tadios Tesfaye, National Taiwan University, Taiwan Title: Efficient waste-based nanocatalysts for improved biodiesel yield
12:40-13:00	14:40-15:00	Valle-Rodriguez Juan Octavio, Chalmers University of Technology, Sweden Title: Pioneering multidimensional synthetic biology: Systems metabolic engineering and protein engineering for biodiesel production
13:00-13:20	15:00-15:20	Anna Sikora, Institute of Biochemistry and Biophysics Polish Academy of Sciences, Poland Title: Anaerobic digestion of wastes and by-products of the sugar beet industry as a source of gaseous biofuels

13:20-13:40	16:20-16:40	Selcuk Sarikoc, Amasya University, Turkey Title: Lifecycle-based environmental pollution cost analysis of alternative biofuels at internal combustion engines
13:40-14:00	16:40-17:00	Asiedu Ampomah Benjamin, Cyprus International University, Turkey Title: Does the collaboration between clean energy and conventional energy abate CO ₂ emissions? A comparative study among EU countries
14:00-14:20	11:00-11:20	J. Flavio Espinoza Monk, Catholic University of the Most Holy Conception, Chile Title: Preliminary approach of invasive shrubs management to fight forest wildfires and as an available biomass for pellet production
14:20-14:40	17:20-17:40	Abdul-Wali Ajlouni, Umm Al-Qura University (UQU), Saudi Arabia Title: Ethics and moral values in production of new biofuels
14:40-15:00	20:10-20:30	Dhruvi Pithadia, The Maharaja Sayajirao University of Baroda, India Title: Sustainable catalysis of bioplatfrom molecules to biofuel additives and biobased chemicals
15:00-15:20	20:30-20:50	Suman, Indian Institute of Technology (ISM), India Title: Synthesis of value-added chemicals and fuel additives from renewable sources using heterogenous catalyst
15:20-15:40	20:50-21:10	Jagriti Dabas, TERI School of Advanced Studies, India Title: Spatial distribution of agricultural residues from cereal crops for potential bioenergy production in Indo Gangetic Plains of India (IGP)
15:40-16:00	21:10-21:30	Probir Kumr Bose, National Institute of Technology Agartala, India Title: Trajectory growth of bio-fuel as a sustainable alternative
16:00-16:20	21:00-21:20	Ejaz Uroosa, Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, Pakistan Title: Halophytic plants: An alternative source for biodiesel production

UPCOMING CONFERENCES

2nd Edition of International Conference on
Oil, Gas and Petroleum Engineering

October 26-28, 2023 | Boston, Massachusetts, USA

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