



**PETROLEUM SUMMIT**

MARCH 25-26, 2024 | BARCELONA, SPAIN



**GLOBAL SUMMIT ON**

# OIL, GAS, PETROLEUM SCIENCE AND ENGINEERING

**25-26 MAR 2024**

**BARCELONA, SPAIN**

<https://petroleumscienceconference.com/>

## WELCOME MESSAGE

Global Summit on Oil, Gas, Petroleum Science and Engineering, which will be held at Barcelona, Spain during March 25-26, 2024. Petroleum Summit 2024 is hosted by Scholars Conferences. The Petroleum Summit 2024 conference offers a track of quality R&D updates from key experts and provides an opportunity in bringing in the new techniques and horizons that will contribute to advanced research on Science, Engineering and Technology in the next few years. All submitted papers will be under peer review and accepted papers will be published in the conference proceeding. Both academia and industries are invited to present their papers dealing with state-of-art research and future developments.

Petroleum Summit 2024 is the premier forum for the presentation of new advances and research results in the fields of Gas, Oil and Petroleum Science & Engineering. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world.

## Scientific Sessions

- Geology & Exploration
- Drilling Operations
- Coal Geology
- Enhanced Oil Recovery
- Chemmotology Aspects
- Environmental and Health Issues
- Chemical Applications in Producing Oil and Gas
- Petroleum Geology
- Filtration & Separation
- Processing Technologies
- Petroleum Exploration & Field Management
- Case Studies
- Reservoir Characterization & Engineering
- Pipeline Transportation and Storage
- Combustion Engines
- Unconventional Resources
- Green Energy
- Energy Supply and Economics
- Fuel Chemistry, Technology & Processing
- Renewable Energy & Feedstock
- Energy Materials
- Fracking
- Environmental & Pollution Issues
- Bio-fuels and Bioenergy



## Highlights

"Frontiers in Oil, Gas, Petroleum Science and Engineering Research"



### CONCEPT

The purpose of the Petroleum Summit 2024 is to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Exploring the Oil, Gas, Petroleum Science and Engineering.



### AGENDA

The conference is a unique opportunity to present your latest research, hear to valuable intelligence and information. This is place where world leaders come to talk and listen.



### NETWORKING

Unique networking opportunity across worldwide where the world's leading renewable CEOs, business heads, decision, and policy makers, choose to present their latest innovations.

### Who Can Attend

- Petroleum Engineers
- Scientists, Researchers & Technical Staff from petroleum engineering field
- Professors, Students & Delegates from petroleum engineering Department
- The people who are specialized with geologists, geophysicists, reservoir engineers, production engineers, Chemical Engineers
- Production engineers are the Potential Exhibitors for the Respective Conferences
- Metallurgical, and Petroleum Engineers, Geologists Associations, US Oil and Gas Associations
- Related Societies

### Why Choose Us

- Learn
- Discuss
- Network and Connect
- Spread the Impact
- Recognized
- New tips & tactics
- Have fun



# Petroleum Summit 2024 Committee Members and Keynote Speakers



**Dai Yeun Jeong**

Biography: Dai Yeun Jeong is presently the Director of Asia Climate Change Education Center and an emeritus prof. of environmental sociology at Jeju National University in South Korea. He received BA and MA degree in sociology from Korea University (South Korea), and PhD in environmental sociology from University of Queensland (Australia). He was a prof. of environmental sociology at Jeju National University (South Korea) from 1981 to 2012. His past major professional activities include a teaching professor at University of Sheffield in UK, the president of Asia-Pacific Sociological Association, a delegate of South Korean Government to UNFCCC and OECD environmental meeting, and a member of Presidential Commission on Sustainable Development Republic of Korea, etc. He has published 60 environment-related research papers in domestic and international journals and 13 books including Environmental Sociology. He has conducted 100 unpublished environment-related research projects funded by domestic and international organizations.

Biography: Ahmet Haxhijaj was entitled PhD by University of Prishtina, Faculty of Mining and Metallurgy, with topic "Intensify and Optimize the Reductive Process of Melting the Lead Agglomerate in Port-Piri Furnace" in 2003. In 1989 he finished post-graduate studies at University of Zagreb, Faculty of Metallurgy, Sisak. He studied Metallurgy Science and presented a master thesis in "Materials and Heat Balance in Port-Piri Furnace". In 1978 graduated in the topic "Indium Composition in Products and Inter-products of Lead and Zinc, and Separation Process of Extracting Indium in Trepça. He currently lectures in the Department of Metallurgy and Materials, Faculty of Geoscience, University of Mitrovica and Faculty of Applied Arts at?? University of Peja. He published more than 42 papers and is a member of the Alb-shkenca board. Since 2016 is the Editing Chief on IJMPEM "International Journal Minerals Processing Extractive Metallurgy. In 1983-1993 he worked in the Zastava laboratory in Peja në thermal processing and was the manager of four projects in this field. In 1978-1983 he worked in the Lead Metallurgy in Zveqan, Trepça.



**Ahmet Haxhijaj**

Biography: Bakhodir Tursunbaev is currently an academician and doctor of sciences at the Turan Academy of Sciences, head of the educational department, and associate professor of the Training Center of the Tashkent State University of Communications. He graduated from the Tashkent Automobile and Road Institute and Tashkent Higher Engineering and Pedagogical Institute. Previous main professional activity: Associate Professor of the Tashkent Automobile and Road Institute. Directions of scientific activity: fundamental questions of mechanics, modeling of systems under the action of dynamic forces, atomic physics, efficiency of internal combustion engines, and sustainable road transport.



**Bakhodir Tursunbaev**

Biography: Alexander recently joined the Higher School of Economics as an Associate Professor. He specializes in developing advanced Machine Learning methods to enhance solutions for engineering problems. His research areas encompass a wide range of applications, including hydrocarbon production forecasting, subsurface CO2 storage, and image processing. In addition to his work at HSE, Alexander actively conducts research at Odnoklassniki, a social network, where he contributes to enhancing the existing Machine Learning solutions of the company by integrating cutting-edge research into practical applications. Alexander's research is driven by his industry experience, gained through working in companies like GazpromNeft-STC, Huawei, and Odnoklassniki. This background provides him with valuable insights into industry-related challenges, allowing him to tackle relevant problems and contribute to advancements in the field.



**Alexander Tarakanov**

Biography: With more than 20 years of experience in the upstream of oil and gas industry as a Deputy Manager, project manager of sample analysis services and scientific researches in petroleum exploration and production, team leader, a senior Expert in petroleum geochemistry and geology; a consultant for companies of oil and gas, mineral resources and environment; integrating and interpreting Exploration & Production data using advanced geo chemical solutions to help access reservoir and source rock potential, delineate field/basin, conduct correlation studies for prospecting, support field operations; chief author and co-author of research projects and commercialisation them in Vietnam and oversea; integrating surface and subsurface data to optimise Geological & Geophysical studies; a process-oriented Earth sciences and organic petroleum Geochemistry scientist with particular interests in the interactions and feedback between the Geo sciences and strong Geo chemical skills for Conventional and Unconventional resources; a supervisor for undergraduate and graduate students at the Universities and Institutes; a defender for research projects, theses; a reviewer and editor for technical journals of Vietnam and oversea's publishers.



**Vo Thi Hai Quan**

# Petroleum Summit 2024 Committee Members and Keynote Speakers



**Mimoun Elboujdaini**

Biography: Mimoun Elboujdaini is a Research Scientist with over 30 years in material R&D and management and coordinator of projects on engineering materials, their properties and performance in various service environments. The projects covered oil & gas, pipeline, aluminium base alloys, stainless steels, mining industry, and aerospace materials, etc. He is an Active member of several international professional societies as chairman and/or as member of Board of Directors. He is also Chaired several national and international conferences. He reviewed numerous papers for scientific journals, and acted as editor books, PhD thesis examiner and reviewer of graduate programs at the universities and Adjunct professorship at the University of Alberta. He has won several National & International awards and recognitions.



Biography: He has more than 30 years of experience and has visited South and South East Asian countries for research and presenting papers at international conferences. Presently he is working as a Professor at King Saud University and has worked as a faculty in Manufacturing Engineering at Government University in Malaysia. He was a Keynote Speaker for 45 International/National Conferences and Chair & Co-Chair for 14 International Conferences held in Asia, and a member of the Advisory and Technical Committee for more than 51 International Conferences across the world. He is a member of the Editorial Board/Reviewer for more than 08 international journals and has evaluated 35 Doctoral theses in Mechanical, Manufacturing, and Management. He has to his credit 2 books published by reputed publishers and authored more than 68 research papers in Peer-Reviewed, Indexed Journals, and Conference Proceedings.



**Chintakindi Sanjay**



**Giuma Maayouf**

Biography: He has been working for the Libyan petroleum institute since 1989 .He has completed his Msc in 2007 of Durham University, UK and his main speciality is clastic sedimentoloical. His issued a lot of technical reports for oil industrial. He is the head of geology department at the same institute until now.



Biography: He received the B.S C in Geological engineering from Faculty of Petroleum and Mining Engineering, Tripoli Libya in 1985 and Master of Philosophy (MPhil) in Petroleum Engineering from Institute of Petroleum Engineering from Heriot Watt University, Edinburgh UK in 2008. He has 35 years' experience covered data interpretation including Reservoir Characterization, Special core analysis, well logging, integration between static and dynamic in reservoir simulation, several joint venture studies and university teaching.



**Noreddin Mousa**



**Santosh Gupte**

Biography: He has 32+ years of industrial experience. He is involved in QHSE Management, RM, Welding, NDT, Fitness for Service studies, Corrosion mitigation in Oil and Gas Industry, ISO/API/ASME consultancy, Inspection activities, API-U Approved Trainer for Q1, Q2 ,LA, and product specs:- 6A, 6D, 16A, 17D, 20E & 20F API ICP Certified APIQ1 (AQ1) & Q2 Auditor (AQ2), contributing member of Standard DSI Edition 5.

# Petroleum Summit 2024

## Speakers



**Liang Cai**, SLB, China

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Title: "An Integrated Approach to Evaluate Lacustrine Shale Oil Reservoir Combining Advanced Well Logging and Core Analysis"



**Jatani Bonaya Godana**, Dilla University, Ethiopia

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Title: "Traditional groundwater exploration method for pastoralist community water supply system in semi arid region of Ethiopia: Case of Tula sallan borana, Southern Ethiopia"



**Roger Saint Fort**, Mount Royal University, Calgary Canada

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Title: "Wave scattering by many small particles, creating materials with a desired refraction coefficient and other applications"



**Jie Yang**, Safety, Environment & Technology Supervision Research Institute of PetroChina Southwest Oil & Gasfield Company, China

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Title: "Application of adsorption-coagulation-ultrafiltration-UV/O3/H2O2-distillation process for produced water discharge"



**Babu Rao Gona**, Dr. Abdul Haq Urdu University, India

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Title: "Analyze the environmental sustainability factors in India: the role of Ecological Footprint and CO2 Emission"



**Alok kumar**, Banaras Hindu University (BHU), India

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Title: "Will be updated soon"

# Petroleum Summit 2024

## Speakers



**Bruce Addo Dzarake**, Ghana National Petroleum corporation, Ghana

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Title: "Oil Recovery Optimization in high watercut heterogeneous sandstone reservoirs"



**Koorosh Tookallo**, National Iranian Drilling Company, Iran

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Title: "Koorosh Tookallo, National Iranian Drilling Company, Iran"



**Thiam Moustapha**, Sentech Energy, Senegal

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Title: "Renewable Energy for Environmental Sustainability"



**Francis Maaire**, Kwame Nkrumah University of Science and Technology, Ghana

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Title: "Monitoring atmospheric mercury concentrations in and around mercury contaminated sites"



**Chunmeng Tian**, China University of Petroleum, Beijing, China

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Title: "Assessment of contact status of seal surface in premium connections based on phased array ultrasound testing"



**Jing Sun**, China University of Petroleum, Beijing, China

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Title: "Experimental Study on Stress Corrosion Damage Detection of Horizontal Well Casing"

# Petroleum Summit 2024

## Speakers



**Qian Chen**, China University of Petroleum, Beijing, China

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Title: "Research on Stress Corrosion Simulation and Magnetic Memory Testing of Casing in CO2 Medium"



**Sinda Seydou**, International University of Grand-Bassam, Côte D'Ivoire

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Title: "Modeling Standpipe Pressure Using Multivariable Regression Analysis by Combining Drilling Parameters and Herschel-Bulkley Model"



**Anurag Rana**, Shoolini University, India

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Title: "Bridging Boundaries: Generative AI for Interdisciplinary Innovation"



**Amir Nobahar**, Atilim University, Turkey

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Title: "Challenges and Recent Advancements in Motion Control of Oil Well Drilling Rig"



**Motaz Bellah Al Atrash**, Cyprus International university, Israel

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Title: "The Impact Of Sustainability Financial Data Governance, Political Connection On Financial Reporting Quality"



**Slots Available**



# Petroleum Summit 2024

## Poster Presenters



**Grigori Buklei**, National Research University Higher School of Economics, Russia

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Title: "Improving Data Acquisition Optimization in Oil and Gas Production: A Machine-Learning Solution with Orthogonal Decision Trees"



**Pratham Kumar Sinha**, Rajiv Gandhi Institute of Petroleum Technology, India

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Title: "Surface modification of Copper-Oxide Nanoparticles synthesized in lab for various oil field application: Study based on Wettability, Interfacial Tension"



**Hamed Movahedi**, Technical University of Denmark, Copenhagen, Denmark

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Title: "Polyacrylamide Hydrogel Modification for Enhanced Temporary Oil and Gas Well Abandonment: Preparing for Future CO2 Storage"



**Mohamed Ouhammi**, Sidi Mohamed Ben Abdellah University, Morocco

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Title: "An Evaluation of Metallic trace Elements by aerated Lagooning in an arid climate: The case of the Wastewater Treatment plant of the City of Errachidia, Morocco"



**Normann Paulo Dantas Da Silva**, Federal University of Rio Grande do Norte, Natal, Brazil

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Title: "Analysis of the kinetic reaction rate of acid formulations in carbonate rocks using organic acids, inorganic acids and acid blends"



**Jackson Mpumpa**, University of Dar es salaam, School of mines and geosciences, Tanzania

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Title: "Geopolitical risks and energy security: Implications for global oil and gas markets"

## Sponsorship Opportunities:

- Reach your target market with exclusive packages
- Promote brand recognition through high visibility
- Communicate directly with influential decision makers
- Provide solutions to technology challenges Source new products
- Leverage these benefits to achieve returns on your marketing dollars
- \*\*\*\*\*Reach a High Qualified Target Audience with this Strategic Opportunity!

## Event Highlights:

- 25+ Interactive Sessions
- 5+ Workshops
- 30+ Hours of Networking Events
- 15+ Keynote Speakers
- Participants from Industry & Academia (50:50)
- 50+ Innovative Featured Speakers
- B2B Meetings
- World-class Exhibitions

## Calendar Marks:

- First Round Abstract submission closes on **January 22, 2024**
- Second Round Abstract submission closes on **February 19, 2024**
- Final Round Abstract submission closes on **March 15, 2024**
- Early Bird Registration closes on **January 29, 2024**
- Mid on Registration closes on **February 26, 2024**
- Spot Registration closes on **March 26, 2024**



## Venue and Location:

Hotel NH Sants Barcelona, Numancia, 74, 08029  
Barcelona, Spain

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## Looking for additional information?

Visit us online at:

- <https://petroleumscienceconference.com/>

For Abstract Submission Visit:

<https://petroleumscienceconference.com/abstract-submission>

Register Online at:

<https://petroleumscienceconference.com/registration>

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## Group Discounts:

Groups of three or more will receive a Special discount by using the group code. If you have any questions please contact us at [john@scholarconferences.org](mailto:john@scholarconferences.org) or WhatsApp: +447426060443

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## Meet Our Team

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