

# Scientific Program | November 23, 2021

## Webinar on Oil & Gas and Petrochemistry

### Speaker Forum

- Talk 1 **Title:** Swell Packers and Expandable Tubulars in Petroleum Drilling — Finite Element Simulation  
**Sayyad Zahid Qamar, Sultan Qaboos University, Oman**
- Talk 2 **Title:** Investigating how proppants behave in a coal hydraulic fracture  
**Mohamed Azhar Aaqib Ahamed, University of Melbourne, Australia**
- Talk 3 **Title:** Reservoir management of mature field, case study western offshore India  
**Rakesh Kumar Vij, Pandit Deendayal Energy University, India**
- Talk 4 **Title:** Calculation of gas compressibility factors of a gas well and comparison with manually read values  
**A.Gurkan Iscan, Cyprus International University, Cyprus**
- Talk 5 **Title:** Organised oil crime in Nigeria. The Delta paradox: organised criminals or community saviours?  
**Robin Cartwright, Institute of Security Studies, Pretoria, South Africa**
- Talk 6 **Title:** Deep Eutectic Solvents: Green Applications  
**Inas M. AlNashef, Khalifa University of Science and Technology, UAE**
- Talk 7 **Title:** Better than Net ZERO sustainable and circular economy future for natural gas  
**Krzysztof Koziol, Cranfield University, United Kingdom**
- Talk 8 **Title:** Promoting in-situ hydrothermal-upgrading of heavy oil by catalytic dehydrogenation of decalin in the presence of nickel-based catalyst  
**Al-Muntaser Ameen Ahmed Mohammed, Kazan Federal University, Russia**
- Talk 9 **Title:** Comparative investigation of miscible flue-gas injection in oil reservoirs and miscible condition evaluation  
**Ali Safaei, Shiraz University, Iran**
- Talk 10 **Title:** Mechanical properties of polymeric ground tire rubber (GTR) composites, with different amounts of GTR and applications for this type of waste composites  
**Marc Marín-Genescà, Universitat Rovira i Virgili, Spain**
- Talk 11 **Title:** Effect of Different Sponge Densities on Superhydrophobic Magnesium Stearate-Coated Polyurethane for oil/ water separation  
**Aliasghar parsaei, University of Tehran, Iran**
- Talk 12 **Title:** The novel method for measurement of sulphur in petcoke from crude oil  
**Dhiraj Gondaliya, Nayara Energy Limited, India**
- Talk 13 **Title:** Design analysis of hydro-fracture with reference to the sandstone porous media of the Upper Assam Basin  
**Dhrubajyoti Neog, Dibrugarh University, India**
- Talk 14 **Title:** Environmental Strategies in Oil and Gas Industry  
**Abdollah Esmaeili, Al-Farabi Kazakh National University, Kazakhstan**
- Talk 15 **Title:** E-BABE-Investigation of asphaltene-induced Formation Damage and its Removal using digital Core Analysis  
**Alireza Jorkesh, Shiraz University, Iran**
- Talk 16 **Title:** More Diesel in Delay Coker Unit by using ANFIS  
**Ali Shaeri, NIOEC, Iran**
- Talk 17 **Title:** Study of Rheological properties of HIPOLY based drilling fluid for High Pressure and High Temperature wells  
**Waseem Mumtaz Kalwar, Mehran University of Engineering and Technology, Pakistan**