

Petroleum Research School of Norway (NFIP) Annual PhD Seminar November 9th, 2021

Venue: Norwegian Petroleum Museum, Stavanger

Energy Transition in Oil & Gas

Program:

09:30 *Registration and Coffee*

10:00 "Welcome", Prof. Arne Graue, Petroleum Research School of Norway, Chair of the Executive Board

10:15 Perspectives from Governmental Authorities, Universities, Energy Organizations and Industry

- "Energy Transition Impacts Petroleum Activities Globally", Jostein Dahl Karlsen, GOT CP, IEA

University Perspectives:

- "CCUS Enablers for Efficient, Cost Saving and More Sustainable Oil & Gas Production", Arne Graue, UiB
- "Results from CO₂ Foam EOR Field Pilot in Texas", Zachary Alcorn, Univ. of Bergen
- "Hydrogen as a Future Energy Carrier", Martin Fernø, Univ. of Bergen
- "Seismic Monitoring of Climate Change", Tor Arne Johansen, Univ. Of Bergen

12:30 *Lunch*

13:30 Industry Perspectives:

- "Equinor's Transition to Low Carbon – With a Focus on the Subsurface", Signe Kristoffersen, Equinor
- "Energy Transition Perspectives in Petroleum Activities", Kjetil Hjertvik, Wintershall DEA
- "Energy Transition and Petroleum Activities on NCS", Stig Pettersen, Lundin Energy

14:30 University Perspectives:

- "Sustainable Petroleum Research at UiS", Ying Guo, Director of The National IOR Center of Norway, University of Stavanger

14:45 *Coffee*

15:00 - "Energy Transition, CCS & Future Petroleum Activities in Norway", Torgeir Stordal, NPD

PhD to PhD presentations related to the energy transition.

15:30 "Sustainable Petroleum and Energy Transition Research at UiS: Geopolymer Technology as a Barrier Material", Fawzi Chamssine, Ph.D. student at UiS

15:45 "Nanoparticle-Surfactant Stabilized CO₂ Foams for CCUS", Aleksandra Sæle, PhD student at UiB

16:15 Guided tours of the Norwegian Petroleum Museum

17:30 Dinner at Bølgen & Moi, Norwegian Petroleum Museum