

Petroleum Systems Conference

Tuesday 29. May

| Hour: | Description: |
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| 08:30 | Registration |
| 09:00 | Welcome and introduction |
| | Petroleum Systems Chair: Elin Rein, Equinor |
| 09:05 | Key Note: Shallow cores in the Northern Barents Sea: an introduction to geochemical results Jorge Sánchez-Borque, NPD |
| 09:40 | Basin and petroleum systems modelling in the northern Norwegian Barents Sea Dr. Rüdiger Lutz, Federal Institute for Geosciences and Natural Resources (BGR) |
| 10:05 | Combining play fairway mapping and petroleum system modelling in the Barents Sea Balazs Badics, DEA Norge AS |
| 10:30 | Refreshment/Networking |
| 10:50 | Could uplift and erosion result in source rocks expelling huge quantities of isotopically heavy gas? Circumstantial evidence from wells on Svalbard Sverre E. Ohm, UiS |
| 11:15 | One source, two kitchens: the petroleum system of the Alta and Neiden discoveries, SW Barents Sea Jon Halvard Pedersen, Lundin Norway |
| 11:40 | Role of Faults in Hydrocarbon Leakage in the Hammerfest Basin, SW Barents Sea Dr. Ilya Ostanin, Shell |
| 12:05 | Lunch |
| | Geophysical methods and new technologies Chair: Jon Erik Skeie, AkerBP |
| 13:00 | Key Note: Source rock identification from seismic data and integration in basin modelling Jan Ove Hansen, Equinor |
| 13:35 | Radiogenic heat production in the crust from inversion of gravity and magnetic data. Dr. Zuzana Alasonati Tašárová, Equinor |
| 14:00 | Tectonophysical forcing of hydrocarbon wandering Ebbe Hvidegård Hartz, AkerBP |
| 14:25 | Refreshment/Networking |
| 14:45 | Structures, pressure and temperature under large scale overthrusts - how obduction of the Oman Ophiolite influenced maturity and migration Arne Grobe, Equinor |
| 15:10 | Multi-proxy palaeo water-depth estimation Dr. Gerben de Jager, SINTEF Industry |
| 15:35 | Petroleum systems modelling constrained by methane seafloor seeps - the Vestnesa Ridge case Matthias Ch. Daszinnies, Migris |
| 16:00 | Student poster session |
| 19:00 | Dinner |

Wednesday 30. May

| Hour: | Description: |
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| | Reservoir geodynamics and Petroleum Systems Chair: Rolando di Primio, Lundin Norway and Balazs Badics, DEA Norge AS |
| 09:00 | Key Note: Forensic oil geochemistry: Reconstructing the processes controlling the composition of reservoired oil Paul Farrimond, Integrated Geochemical Interpretation (IGI) |

| Hour: | Description: |
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| 09:35 | Assessing the Mobility of Polar Compounds in Different Marine Shale Systems Dr. Stefanie Pötz, GFZ German Research Centre for Geosciences |
| 10:00 | Southern North Sea / Feda Graben - a 3D petroleum system model calibrated with shows data Kristian Angard, Migris |
| 10:25 | Refreshment/Networking |
| 10:50 | Biomarkers as an aid to recognizing palaeomigration routes on the Utsira High Steve Killops, APT |
| 11:15 | The Cretaceous Petroleum System of the Norwegian Sea Axel Wenke, Equinor |
| 11:40 | Shows characterisation and petroleum system mapping using advanced mud gas evaluation Trym Rognmo, GeoProvider |
| 12:05 | Lunch |
| | Petroleum Systems II Chair: Sverre E. Ohm, UiS |
| 13:00 | Barbados petroleum and an poorly-understood petroleum system at the leading edge of the Caribbean plate. Andres Felipe Cedeno, UiS |
| 13:25 | Petroleum System of the northern Caribbean Guro Skarstein, UiS |
| 13:45 | How data analytics and structural analysis can aid petroleum systems analysis - a case study from the Paleogene Basin, Hungary Dr. Carolyn Lampe, Ucon Geoconsulting |
| 14:25 | Refreshment/Networking |
| 14:45 | Creating a Quality Controlled Source Rock and Petroleum Geochemistry Data Base for Norway - UK Cross Border Petroleum Systems Analysis Olaf Thießen, Equinor |
| 15:10 | Generation vs Expulsion driven modifications in petroleum composition in the context of source rock lithology and organic matter type Dr. Martin Stockhausen, Institute of Geosciences |
| 15:35 | Key trends and observations in the hydrocarbon budget of the Norwegian North Sea Dr. Kristian B. Brandsegg, Exploro AS |
| 16:00 | Closing remarks and awards Elin Rein, Equinor |