

# Petroleum Systems Conference

Tuesday 29. May

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

Wednesday 30. May

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>Reservoir geodynamics and Petroleum Systems</b> Chair: Rolando di Primio, Lundin Norway and Balazs Badics, DEA Norge AS
09:00	<b>Key Note: Forensic oil geochemistry: Reconstructing the processes controlling the composition of reservoir oil</b> Paul Farrimond, Integrated Geochemical Interpretation (IGI)

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