

# Arctic Exploration 2016

Tuesday 31. May

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>Arctic Exploration</b>
	<b>ICEBREAKER på Polaria</b>
19:00	<b>Arctic Ocean exploration from drifting sea ice</b> Dr. Yngve Kristoffersen, Professor Emeritus, University of Bergen

Wednesday 01. June

<b>HOUR:</b>	<b>DESCRIPTION:</b>
08:00	<b>Registration</b>
08:30	<b>OPENING</b> Geir B. Larssen, Geological Advisor, Lundin
08:40	<b>Resource potential in the Arctic - From Hammerfest to Kvitøya</b> Sissel Eriksen, Director Exploration, Norwegian Petroleum Directorate (NPD)
	<b>Session 1: GEOPHYSICAL METHODS AND USE OF NEW TECHNOLOGY IN THE ARCTIC</b>
	<b>Session chair:</b> Jan Ove Hansen, Statoil ASA
	<b>Key-note speech:</b>
09:20	<b>Barents Sea Exploration from a Geophysical viewpoint; Challenges and Technology</b> Jan Erik Lie, Chief geophysicist, Lundin Norway
09:45	<b>Heat flow estimation from geophysical data in the Barents Sea</b> Ketil Hokstad, Specialist Geophysics, Statoil ASA
10:10	<b>Seismic imaging in ice and its connections to lithospheric flexure</b> Alfred Hanssen, Professor, University of Tromsø

<b>HOUR:</b>	<b>DESCRIPTION:</b>
10:35	<b>Coffee-Break with POSTER SESSIONS</b> Posters presentation; 10:35 - 10:45 Khodalbandeloo & Landrø
11:00	<b>EMGS: 8 year with 3D CSEM in Barents Sea - what have we learned?</b> Pål Gabrielsen, Principal Geophysicist, EMGS
11:25	<b>Imaging for lithology and fluid prediction using the complete wavefield - Barents Sea examples</b> Grunde Rønholt, Area Manager, PGS
11:50	<b>A small seismic source can disclose big prospects</b> Ole Eiesland & Karoline Ertesvåg, Searcher Geoservices
12:15	<b>Lunch</b>
13:15	<b>POSTER SESSIONS</b> Posters presentations; 13:15 - 13:25 Lasabuda et al. 13:25 - 13:35 Lothe et al.
<b>Session 2: THE DYNAMIC OF THE PETROLEUM SYSTEMS</b>	
	<b>Chair:</b> Bjarne Rafaelsen, Statoil ASA
<b>Key-Note Speech:</b>	
14:15	<b>The dynamic of the petroleum systems</b> Fridtjof Riis, Senior Geologist, Norwegian Petroleum Directorate (NPD)
14:45	<b>Arctic petroleum systems</b> Bjørn Tørudbakken, Senior Specialist, Statoil ASA
15:10	<b>NAG-TEC Atlas: Opening of the North Atlantic and shear margin evolution between Greenland, Svalbard, and the SW Barents margin</b> John Robert Hopper, senior Geophysicist, GEUS
15:35	<b>The influences of the Amerasia Basin opening and the High Arctic LIP on the Barents Sea petroleum systems</b> Sverre Planke, CEO, VBPR AS

<b>HOUR:</b>	<b>DESCRIPTION:</b>
16:00	<b>Coffee-Break with POSTER SESSIONS</b> Posters presentations; 16:00 - 16:10 Bell et al. presented by Thomas Løkken Rustad 16:10 - 16:20 Rojo et al. 16:20 - 16:30 Stueland et al. presented by Veselovsky 16:30 - 16:40 Østebø et al. presented by Rojo
16:45	<b>Uplifted Arctic Margins - new concepts &amp; consequences for the Barents Sea exploration</b> Paul H. Nadeau, Professor II Petroleum Geology, University of Stavanger
17:10	<b>Mesozoic/Cenozoic evolution of the East Barents and Fedinsky High</b> Denis Katkov et al. Phd Student, Lomonosov Moscow State University
17:35	<b>Barents Sea uplift and implications for stress, pore pressure and fluid flow</b> Hege Marit Nordgård Bolås, Jan Robert Eide, Christian Hermanrud & Oddbjørn Sivert Kløvjan, Lead Geologist R&T Exploration Technology, Statoil ASA
19:30	<b>Aperitif</b>
20:00	<b>Dinner at The Edge Hotel</b> Toastmaster: Ottar Minsaas, Advisor, Total E&P Norge AS

Thursday 02. June

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>Session 2 Continues: THE DYNAMIC OF THE PETROLEUM SYSTEMS</b>
	<b>Chair:</b> Bjarne Rafaelsen, Statoil ASA
08:30	<b>The Good, the Bad and the Ugly - petroleum systems of the Barents Sea</b> Øyvind Sylta, CEO, Migris AS
08:55	<b>Cenozoic erosion of the SW Barents Sea - where are we?</b> Jan Sverre Laberg, Professor Marine geology/sedimentology, University of Tromsø

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>Session III ANALOGES: ONSHORE-OFFSHORE LINK OF PLAYS AND FIELDS</b>
	<b>Session chair:</b> Snorre Olaussen, Professor in Arctic Petroleum Geology, UNIS
	<b>Key-note speech:</b>
09:20	<b>The Upper Palaeozoic carbonate platforms of Spitsbergen: facies, tectonics and link to the Barents Sea</b> Lars Stemmerik et al., Professor Natural Science Museum, University of Copenhagen and Professor II at UNIS
09:50	<b>USGS: Geology and Petroleum Systems of Arctic Alaska Submerged Margins</b> David Houseknecht, Senior Research Geologist, U.S. Geological Survey
10:15	<b>Coffee Break with POSTER SESSIONS</b> Posters presentations; 10:15 - 10:25 Myrvang et al. 10:25 - 10:35 Line et al.
10:45	<b>Onshore-offshore fault correlation on the Finnmark Platform, SW Barents Sea margin: Examples of nearshore half-grabens as analogues for offshore, early Carboniferous rift basins</b> Jean-Baptiste Koehl et al. Phd University of Tromsø, ARCEX
11:10	<b>Source-to-Sink and sediment balance of the Triassic Barents Sea: Changes in paleogeography and reservoir properties in response to contrasting sediment supply</b> Christian Haug Eide & Tore Grane Klausen, Postdoc, University of Bergen
11:35	<b>Large scale tectonics as controlling factor the Upper Triassic to Middle Jurassic basin fills in Svalbard and the Barents Sea . Facies development and sequence stratigraphy in Svalbard as a link to platforms and internal highs in the Barents Sea</b> Snorre Olaussen, Professor in Arctic Petroleum Geology & Bjarte Rismyr, UNIS
12:00	<b>Lunch</b>

<b>HOUR:</b>	<b>DESCRIPTION:</b>
13:00	<b>POSTER SESSIONS</b> 13:00 - 13:10 Marin et al. presented by Sten Andreas Grundvåg 13:10 - 13:20 Kairanov et al. 13:20 - 13:30 Sliwinska et al. presented by Olaussen 13:30 - 13:40 Iqbal et al. presented by Kairanov
14:00	<b>Palaeogeography and stratigraphic development of the Lower Cretaceous of Svalbard and the northern Barents Shelf: some source-to-sink considerations</b> Sten Andreas Grundvåg, Associate Professor, University of Tromsø
14:25	<b>The Spitsbergen Paleogene Central Basin succession: New insights and implications for subsurface Barents Sea</b> William Helland-Hansen et al., Professor, Department of Earth Science, University of Tromsø
14:40	<b>Coffee Break</b>
	<b>Session 4: NEW PLAYS - OUT OF THE BOX THINKING</b>
	<b>Session chair:</b> Stig-Morten Knutsen, Norwegian Petroleum Directorate (NPD)
	<b>Key-Note Speech:</b>
15:00	<b>Diversity not more of the same is the key to the future</b> Hans C Rønnevik, Senior G&G Advisor, Lundin Norway
15:40	<b>Deeply buried grainy dolomite of the Gipsdalen Group are potential hydrocarbon plays in the Barents Sea</b> Geir Elvebakk, Overgeolog, Geo-Moski AS
16:10	<b>Shallow reservoirs - possibilities and challenges</b> Heidi Rydningen, TL Subsurface Wisting, OMV
16:40	<b>Fingerdjupet Sub-basin, Norwegian Barents Sea: A laboratory for the exploration of an untested Lower Cretaceous play</b> Bjørn Kåre Lotsberg Bryn & Stian Schjelderup Haaland, Senior Geologist, Centrica

HOUR:	DESCRIPTION:
17:10	<b>Timing and formation of structural highs in the eastern part of the northern Norwegian Barents Sea</b> Espen Simonstad, Geologist, Norwegian Petroleum Directorate
17:40	<b>Closing Remarks</b>