

# Reservoir characterization - a true multidisciplinary approach

Tuesday 05. December

Hour:	Description:
08:00	<b>Registration and coffee</b>
09:00	<b>Welcome</b> Tina Todnem, Statoil ASA
	<b>Efficient Multidisciplinary Workflows</b>
	<b>Chair:</b> Tina Todnem, Statoil ASA and Ronald Sørli, Lundin
09:15	<b>Key Note: Volume is not enough, you need connectivity!</b> Martyn Beardsell, Schlumberger
09:45	<b>Edvard Grieg: Theme and variations ver a complex reservoir</b> Knut Straith, Lundin
10:15	<b>3D X-ray computed tomography of cores for new insights in reservoir evaluation and characterization</b> Olivier Lopez and Brice Fortier, Statoil
10:45	<b>Reservoir Character Refresh: The Lower Jurassic Cook Formation at Knarr</b> Elizabeth Willson, Shell
11:15	<b>Lunch, core viewing (Johan Sverdrup and Knarr) and Student poster presentations</b>
	<b>FROM ANALOGUE TO MODEL TO DECISION</b>
	<b>Chair:</b> Nian Pedersen, NPD and Brit Selvikvåg, Statoil ASA
13:00	<b>“ Small-scale ‘Ultimate Truth’ workflows as a substitute for the big full-field model “</b> Mark Bentley, AGR
13:30	<b>Using sedimentary process models to assist reservoir facies modelling</b> Ingrid Aarnes, Norsk Regnesentral

<b>HOUR:</b>	<b>DESCRIPTION:</b>
14:00	<b>Extracting the most from core to distinguish electrofacies in sand-rich successions</b> Stephanie Frost, Statoil
14:30	<b>Coffee</b>
15:00	<b>Use of forward stratigraphic modelling to improve reservoir characterization and prediction</b> Sergio Courtade, Schlumberger
15:30	<b>From architecture to application: challenges and solutions to modelling clastic reservoirs</b> Marco Patacci, University of Leeds
16:00	<b>Integrated Reservoir Modelling of the Atiart Submarine Canyon Outcrops to Constrain the Decision Based Modelling of the SE Loppa High Submarine Canyon Reservoir.</b> Oras Joseph, NTNU
17:00	<b>Drinks and Dinner</b>

## Wednesday 06. December

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>CARBONATES</b>
	<b>Chair:</b> Rodmar Ravnås, AS Norske Shell and Kevin Joseph Keogh, Statoil ASA
08:30	<b>Key Note: Paleozoic reservoirs offshore Norway - global analogs from outcrop and producing fields</b> Ben Dewever, Shell
09:00	<b>Ekofisk 4D monitoring and reservoir management using a permanently installed monitoring system</b> Bjarne Lyngnes et al, ConocoPhillips
09:30	<b>In the shade of a giant: the singular story of the Gullfaks Shetland/Lista development</b> Matthieu Irondelle, Ellen Sæther Statoil
10:00	<b>Reservoir Characterisation of the Ørn Formation and Overlying Clastic Carbonate Succession in the Alta Discovery East Flank, Southern Barents Sea</b> Niels Rameil, Lundin
10:30	<b>Break</b>
	<b>THE DIGITAL SUBSURFACE</b>
	<b>Chair:</b> Andres Hatløy, ConocoPhillips and Tina Todnem, Statoil ASA
10:50	<b>Key Note: The Role of Analogue Data in Reducing Uncertainty in Reservoir Studies</b> John Howell, Univ Aberdeen
11:20	<b>Extracting Value from Legacy Documents; a case study using machine learning on seismic documents</b> Henri Blondelle, Agile DD

<b>HOUR:</b>	<b>DESCRIPTION:</b>
11:50	<b>Efficient exploitation of data science technoques in the subsurface domain</b> Duncan Irving, Teradata
12:20	<b>Lunch, core viewing and Student poster presentations</b> Alta/Gotha and Shetland/Lista
13:50	<b>"Leveraging Deep-Learning for GeoScience"</b> David Wade, Statoil
14:20	<b>Predictive Sediment Provenance Analytics Using Machine Learning: An Example from the Barents Sea</b> Ben Saunders, Halliburton
14:50	<b>Deep machine learning for multi-dimensional seismic facies and lithology classification using public domain tools</b> Peter Bormann, ConocoPhillips and Charles Ildstad, NTNU
15:10	<b>Triassic stratigraphic architecture, reservoir quality, and Machine Learning</b> Eirik Larsen, Earth Science Analytics AS
15:50	<b>Closing remarks</b>