

# Deal with the Seal

Thursday 27. May

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>CONTROLS ON HYDROCARBON COLUMNS</b>
09:00	<b>Welcome and introduction</b> Session chairs: Helen Haneferd, ConocoPhillips & Hugh Anderson, Aker BP
09:05	<b>Mudstones: Top seals and leakage points</b> Andrew Aplin, Head of Department - Department of Earth Sciences, Durham University
09:30	<b>Equilibration of hydrocarbon contacts and gas seepage in the Norwegian Continental shelf revealed by pressure and seismic data</b> Fridtjof Riis, Norwegian Petroleum Directorate
09:55	<b>Fault-related hydrodynamic seals; an exploration opportunity - an appraisal distraction</b> Professor Quentin Fisher, University of Leeds/Petriva Ltd.
10:20	<b>Coffee Break</b>
10:35	<b>Quantifying columns</b> Dr. Ebbe Hartz, Lead geologist, Aker BP
11:00	<b>Modelling how faults influence the trapping of oil and gas</b> Dr. Neil Grant, Principal Geologist, ConocoPhillips
11:25	<b>Fault sealing of hydrocarbons and fluid pressure differences at the Njord Field</b> Phillip Muller, PhD, University of Bergen
11:50	<b>Closing remarks</b>

Thursday 03. June

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>PRE-WELL ASSUMPTIONS VS POST-WELL OBSERVATIONS</b>
09:00	<b>Welcome and introduction</b> Session chairs: Hege M. Nordgård Bolås, Equinor & Michiel Van Noorden, Vår Energi
09:10	<b>Trap successes and failures: Pre-drill predictions versus post-drill results</b> Hans Martin Veding, Norwegian Petroleum Directorate
09:35	<b>What have we learned from drilled wells - Equinor performance tracking on Column heights</b> Kjersti Breirem Neumann, Equinor
10:00	<b>Uncertainty and Bias: Limitations of the Human Mind</b> Marc Bond, Rose & Associates
10:25	<b>Coffee Break</b>
10:40	<b>Constraining the hydrocarbon column distribution; can empirical data help?</b> Dr. Isabel Edmundson, University of Bergen / Equinor
11:05	<b>Are current Fault Seal Calibrations suitable for estimating CO2 column heights?</b> Dr. Pete Bretan, Badley Geoscience
11:30	<b>Closing remarks</b>

Thursday 17. June

<b>HOUR:</b>	<b>DESCRIPTION:</b>
	<b>PRODUCTION SEAL AND GEO-MECHANICS</b>
09:00	<b>Welcome and introduction</b> Session chairs: Helen Haneferd, ConocoPhillips & Malin Somby, ConocoPhillips

<b>HOUR:</b>	<b>DESCRIPTION:</b>
09:05	<b>The rock mechanics of shallow seals- an aid to exploration and development decision making</b> Kevin Galbraith, Lundin Energy
09:30	<b>Monitoring CSRI Wells in Ekofisk's Overburden</b> Frederic Santarelli, Geomec & Danila Shutemov & Sirikarn Narongsirikul, ConocoPhillips
10:10	<b>Coffee Break</b>
10:25	<b>Observations of man induced fault re-activation from the Valhall field</b> Tron Golder Kristiansen, Aker BP
10:50	<b>Compartmentalization at Goliat field</b> Mette Søndergaard, Vår Energi
11:15	<b>Seal integrity assessment for CO2 injection in saline aquifers</b> Elin Skurtveit, NGI
11:40	<b>Closing Remarks</b>