

Program release
Deal with the Seal 2025

Thursday 05. June

HOUR:	DESCRIPTION:
Top and Fault Seal Assessment	
09:00	Welcome and introduction Session chairs:
09:05	The time-transgressive nature of Seals & Cap Rocks. Is a tight rock the best sealing rock? Prof. Dr. Dag A. Karlsen, University of Oslo
09:30	Let's get salty: the mechanical and transport behaviour of evaporite seals Dr. Suzanne Hangx, Associate Professor 'Reservoir Mechanics & Geo-energy, Utrecht University
09:55	Key considerations for fault seal assessment in growth fault settings - Insights from the Smeaheia CO2 storage site Nora Holden, PhD research fellow, University of Oslo
10:20	Coffee Break
Geomechanics Session chairs:	
10:35	Geological impacts on North Sea in-situ stress and related seal integrity for CO2 storage Lars Grande, Norwegian Geotechnical Institute
11:00	Fault Seal and Reactivation Analysis: Key Tools for Understanding the Velocette Discovery Waqas Ahmed, Senior Expert Geology, OMV Norway
11:25	Local stress perturbations around orthorhombic faults in the Wisting Field, Barents Sea Jake H. Butcher, PhD Fellow, Structural Geology and Geomechanics, University of Stavanger
11:50	Closing remarks

Thursday 12. June

HOUR:	DESCRIPTION:
Top and Fault Seal Assessment	
09:00	Welcome and introduction Session chairs:
09:05	Fault Seal Analysis for Carbon Storage: a brief review Pete Bretan, Structural Geologist, Badleys
09:30	Modelling Fault Seal Uncertainty Neil Grant, Specialist Geologist, ConocoPhillips UK Holdings Ltd.
09:55	Seal Evaluation for the Trudvang Carbon Storage Site: Overcoming well data limitations in a saline aquifer storage Elle Lashko & Sander Hofker Berg, Vår Energi
10:20	Coffee Break
Novel Characterization methods	
10:35	Accelerated Fault Seal Analysis with AI fault detection and extraction: an example from Smeaheia, Horda Platform, Norway Dr Peter J. McPhee, Structural Geologist, Badley Geoscience Ltd.
11:00	CO2 storage in Oligocene and Miocene North Sea sediments? Prof. Christian Hermanrud, Equinor
11:25	Seismic textural attributes to characterise seal-unit competence Professor Tiago M. Alves, Cardiff University
11:50	Closing remarks