



Petroleum Systems Conference 2025

Wednesday 24. September

HOUR:	DESCRIPTION:
08:30	Registration
09:00	Welcome and introduction Jan Hendrik van Koeverden, Equinor and Chair of Program Committee
09:10	KEYNOTE: Petroleum systems studies open diverse energy transition opportunities - An Update Steve Larter, Technical Advisor, LysisLogic Scientific Inc.
	SOURCE ROCKS Chairs: Jan Hendrik van Koeverden & Michael Hertle
09:45	KEYNOTE: The Cretaceous source rocks (SRs) in the Vøring Basin - a Cold Case Investigation into a Hot Basin Dag Arild Karlsen, Associate Professor, University of Oslo
10:20	A Tertiary deltaic source rock in the Nordic Seas Rune Mattingsdal, Geologist, Norwegian Offshore Directorate Authors: Jochen Knies, NGU and UiT The Arctic University of Norway
10:45	Coffee Break and Networking Sponsored by Applied Petroleum Technology (APT)
	
11:10	Insights into the Paleozoic basins petroleum systems of the North Sea Alejandro Escalona, Professor, University of Stavanger Authors: Carita Augustsson, University of Stavanger Norman Urrez, University of Stavanger Kate Powell, University of Stavanger


HOUR:	DESCRIPTION:
11:35	<p>Could Structural Models Be Used to Improve Understanding of Palaeozoic Plays in the Norwegian North Sea? Norman Urrez, PhD Candidate, University of Stavanger - Department of Energy Resources</p> <p>Authors: Alejandro Escalona, University of Stavanger - Department of Energy Resources Carita Augustsson, University of Stavanger - Department of Energy Resources Daniele Blancone, University of Stavanger - Department of Energy Resources</p>
12:00	<p>A new Zechstein Gp. source rock in the Southern North Sea: unlocking new prospectivity Alexandra Cournot, Principal Explorationist, Equinor</p> <p>Authors: Atle Folkestad, Equinor Alexandra Cournot, Equinor</p>
12:25	<p>Student Poster Introduction Mila Kannemacher, RWTH Aachen University Jan David Wagner, University of Oslo Tereza Mosociova, University of Oslo</p> <p>Sponsored by TotalEnergies</p> 
12:35	<p>Lunch</p>
	<p>GEOCHEMISTRY Chairs: Geir Hansen & Christoph Kierdorf</p>
13:30	<p>KEYNOTE: Application of Gel Permeation Chromatography in Petroleum System Analysis Eric Michael, Chief Geochemical Advisor (Americas), Applied Petroleum Technology (APT)</p> <p>Authors: Gulnar Yerkinzyzy Shi Chen Michael Erdmann Tao Yang</p>

HOUR:	DESCRIPTION:
14:05	<p>Challenging petroleum system hypotheses through unorthodox organic geochemistry workflows Renzo Silva, CEO & Scientist, LysisLogic Scientific Inc., Canada</p> <p>Authors: Steve Larter, LysisLogic Scientific Inc. Daniel Stoddart, Aker BP Jon Halvard Pedersen, Aker BP Rolando di Primio, Aker BP</p>
14:30	<p>High Precision Analysis of Gas and Volatile Hydrocarbons in Unpreserved Rock Samples Paul Taylor, Principal Geochemist, Multiphase Analytics</p> <p>Authors: Erik Tegelaar, Multiphase Analytics Bart van der Haven, Isolab BV Martijn Jellema, Isolab BV</p>
14:55	<p>Coffee Break and Networking Sponsored by Applied Petroleum Technology (APT)</p> <div data-bbox="997 958 1276 1227" style="text-align: right;">  </div>
15:30	<p>Migration tracers unravel migration routes of Veslefrikk, Oseberg-East and Brage Thorsten Uwe Garlich, Head of Integrated Geochemical Studies and Production Services, GEOLOG International BV</p> <p>Authors: Prof. Lorenz Schwark, University of Kiel</p>
15:55	<p>On the value of using heavy-ends geochemistry in petroleum system evaluation Brian Horsfield, CEO and Managing Director, GEOS4 GmbH</p> <p>Authors: Brian Horsfield & Nicolaj Mahlstedt, GEOS4 GmbH, Germany</p>

HOUR:	DESCRIPTION:	
16:20	<p>Investigating the concept of migration-contamination of oil - A practical lab experiment using samples from the SW Barents Sea</p> <p>Jon Halvard Pedersen, Petroleum System Analyst, Aker BP</p> <p>Authors: Geir Hansen, APT & Julia Laskowska, APT</p>	
16:45	End of day one	
18:30	Aperitif	
19:00	<p>Conference Dinner Sponsored by Aker BP</p>	

Thursday 25. September

HOUR:	DESCRIPTION:	
09:00	<p>Welcome and introduction, day 2</p> <p>Jan Hendrik van Koeverden - Equinor and Chair of Program Committee</p>	
	<p>MODELLING</p> <p>Chairs: Michael Hertle & Kristian Angard</p>	
09:05	<p>KEYNOTE: The past, present and future of PSM - a personal view</p> <p>Øyvind Sylta, CEO, Migris AS</p> <p>Authors: Are Tømmerås, Migris AS</p>	
09:40	<p>Migration efficiency modelling to predict Yet-to-Find (YTF) volumes for the NCS</p> <p>Alexander Hartwig, Partner and Chief of Modelling, GEOS4</p> <p>Authors: Nicolaj Mahlstedt, GEOS4 Rolando di Primio, Aker BP</p>	

HOUR:	DESCRIPTION:
10:05	<p>Under pressure: using basin models to help predict reservoir quality in the Garn Formation in the Norwegian Sea David Gardiner, Senior Geochemist & Basin Modeller, IGI Ltd.</p> <p>Authors: Caroline Lowrey, Petrostrat Rob Lander, Geocosm LLC Linda Bonnell, Geocosm LLC Suzi Burns, Petrostrat James Scorgie, Petrostrat Hannah Torrence, Petrostrat</p>
10:30	<p>Coffee Break and Networking Sponsored by Applied Petroleum Technology (APT)</p> 
11:00	<p>Integrating Dynamic Fault Seal and Multi-Reservoir Connectivity for Enhanced 3D Petroleum Systems Analysis Karthik Iyer, R&D Specialist, Bergwerk</p> <p>Authors: Karthik Iyer Dani Schmid Hugh Andersen Petter Franzen Hege Lie Gisle Mjøen Lodve Olsborg Rolando di Primio Joachim Rinna The Yggdrasil team at AkerBP</p>
	<p>INTEGRATION Chairs: Christoph Kierdorf & Kristian Angard</p>
11:25	<p>KEYNOTE: PVT and Phase Behaviour Analysis in Petroleum Exploration: 30 Years Later Rolando di Primio, Exploration Manager, Aker BP</p>

HOUR:	DESCRIPTION:
11:55	<p>Rock, Paper, AI: Pre-Prospecting Hydrocarbons in Post-Stack Seismic Øyvind Nernæs, CEO, Carnain & Abdul-Razzaq Aqrawi, COO, Carnain</p> <p>Authors: Øyvind Nernæs, Carnain Abdul-Razzaq Aqrawi, Carnain</p>
12:20	Lunch
13:20	<p>Applications of mud gas data to exploration and production - an underutilized dataset with a potentially big impact Daniel Stoddart, Petroleum Systems Analyst, Aker BP & Lloyd Jones, Petroleum Geochemist and PSA, APT</p>
13:45	<p>Seal capacity resilience through geological time: a basin-geomechanics perspective from Lisa Structure, Offshore Denmark Juliana Maria Gonçalves de Souza, PhD in Geosciences, TotalEnergies/CVA Engineering</p> <p>Authors: Juliana Maria Gonçalves de Souza, TotalEnergies/CVA Engineering Yves M. Leroy, TOTAL Johannes Wendebourg, TotalEnergies</p>
14:10	<p>Traditional exploration techniques applied for enhanced exploration on the NCS - holistic organic geochemical characterization of Jurassic coals to improve hydrocarbon show analysis Arne Grobe, Project Leader TDI, Equinor ASA Norway</p> <p>Authors: Laura Dorothea Zieger, Equinor ASA Norway Michael Erdmann, Equinor ASA Norway Andres Felipe Cedeno Motta, Equinor ASA Norway Jorunn Johannesen, Equinor ASA Norway</p>
14:35	<p>Closing remarks Jan Hendrik van Koeverden - Equinor and Chair of Program Committee</p>