


Sign up!
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 Moderators: 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, Professor - Environmental geosciences, University in 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: |
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| 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 Blacone, 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 | Poster Introduction |
| 12:35 | Lunch |
| | <p>GEOCHEMISTRY Moderators: 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> |
| 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> |

| HOUR: | DESCRIPTION: | |
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| 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> |  |
| 15:30 | <p>Migration tracers unravel migration routes of Veslefrikk, Oseberg-East and Brage Thorsten Uwe Garlichs, 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> | |
| 16:20 | <p>Investigating the concept of migration-contamination of oil - A practical lab experiment using samples from the SW Barents Sea 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: |
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| 09:00 | Welcome and introduction, day 2 Jan Hendrik van Koeeverden - Equinor and Chair of Program Committee |
| | MODELLING Moderators: Michael Hertle & Kristian Angard |
| 09:05 | KEYNOTE: The past, present and future of PSM - a personal view Øyvind Sylta, CEO, Migris AS Authors: Are Tømmerås, Migris AS |
| 09:40 | Migration efficiency modelling to predict Yet-to-Find (YTF) volumes for the NCS Alexander Hartwig, Partner and Chief of Modelling, GEOS4 Authors: Nicolaj Mahlstedt, GEOS4 Rolando di Primio, Aker BP |
| 10:05 | Under pressure: using basin models to help predict reservoir quality in the Garn Formation in the Norwegian Sea David Gardner, Senior Geochemist & Basin Modeller, IGI Ltd. Authors: Caroline Lowrey, Petrostrat Rob Lander, Geocosm LLC Linda Bonnell, Geocosm LLC Suzi Burns, Petrostrat James Scorgie, Petrostrat Hannah Torrence, Petrostrat |
| 10:30 | Coffee Break and Networking Sponsored by Applied Petroleum Technology (APT) |



| HOUR: | DESCRIPTION: |
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| 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 Moderators: Christoph Kierdorf & Kristian Angard</p> |
| 11:25 | <p>KEYNOTE: PVT and Phase Behaviour Analysis in Petroleum Exploration: 30 Years Later Rolando di Primio, Aker BP ASA</p> |
| 11:55 | <p>Rock, Paper, AI: Pre-Prospecting Hydrocarbons in Post-Stack Seismic Abdul-Razzaq A. Aqrawi, COO, Carnain & Øyvind Nernæs, CEO, Carnain</p> |
| 12:20 | <p>Lunch</p> |
| 13:20 | <p>Applications of mud gas data to exploration and production - an underutilized dataset with a potentially big impact Daniel Stoddart, Advanced Geologist, Aker BP & Lloyd Jones, Geochemist, 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> |

| HOUR: | DESCRIPTION: |
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| 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</p> <p>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</p> <p>Jan Hendrik van Koeeverden - Equinor and Chair of Program Committee</p> |