


**PROGRAM RELEASE**

# The Biennial Geophysical Seminar 2026


Tuesday 17. March


HOUR:	DESCRIPTION:
10:30	<b>Registration</b> From 10.30 - 12.00 hrs.
11:00	<b>Lunch</b>
12:00	<b>Welcome and introduction</b> Vetle Vinje, Viridien, Chair of Committee
12:10	<b>KEYNOTE:</b> <b>The Past, Present, and Future of the Norwegian Oil and Gas Sector</b> Hege Susanne Blåsternes, Norwegian Offshore Directorate
12:35	<b>Identifying Geomechanical Risks from Time-Lapse Seismic for Reservoir Management and Well Delivery in Ekofisk</b> Sirikarn Narongsirikul, ConocoPhillips
12:55	<b>High-Resolution Multi-Purpose Seismic from Conventional Towed Streamers</b> Simon Redfearn, Shearwater GeoServices
13:10	<b>High-Resolution Shallow Hazard Characterization with Multi-Component Single-Sensor Streamers Towed Deep - A Validation Study</b> Susanne Rentsch, Shearwater GeoServices
13:25	<b>Advanced Seismic Acquisition and Imaging Using Gemini Extended Frequency Source Technology in Complex Geological Environments</b> Tilman Kluever, TGS

HOUR:	DESCRIPTION:
13:45	Coffee & Networking
14:15	<b>KEYNOTE: Perspectives from the Sea Floor</b> Mark Thompson, Equinor 
14:40	<b>Drop&amp;Pop: Target-Oriented 2D OBN Acquisition to Increase the Confidence in Lithology and Fluid Predictions through Joint PP-PS Reflectivity Analysis for Amplitude-Driven Prospects</b> Jan Erik Lie & Martin Brandtzæg Gudem, Aker BP
15:00	<b>Operational Excellence and Data Quality in the Utsira North 2025 OBN Survey: Dual-ROV, AUV, and Source Innovations</b> Carine Roalkvam, Aker BP
15:20	<b>Digital Geological Modelling for Acquisition Support and Accelerated Field-Data Processing at Utsira North</b> Ross Haacke, Viridien Group
15:40	Coffee & Networking
16:10	<b>Improved Reservoir Interpretation and Drilling Results Using OBN Data at the Balder &amp; Ringhorne Fields</b> Alexandre Bertrand, Vår Energi
16:30	<b>Joint 3D Elastic FWI of OBS and DAS-VSP</b> Habib Abd El Malak, SLB
16:50	<b>DAS Above, Around, and in the Reservoir - Learnings from Multi-Fibre Seismic Imaging</b> Espen Birger Raknes, Aker BP
17:10	<b>Exploring Seabed DAS Reflection Imaging and Diving-Wave Elastic FWI for Active Seismic Monitoring Using the Ekofisk PRM</b> Alex Calvert, Total Energies & Jordan Johal, Viridien Group
17:30	<b>End of conference day 1</b>

HOUR:	DESCRIPTION:
19:00	<b>Get-Together with finger food (light meal) and drinks</b> Skybar - Caledonien Hotel, Kristiansand

Wednesday 18. March

HOUR:	DESCRIPTION:
08:45	<b>Welcome day 2</b>
08:50	<b>KEYNOTE: Elastic FWI - From Physics to Value</b> Ole Jøran Askim, Aker BP 
09:15	<b>3D Ultra-High-Resolution Depth Velocity Model Buildingz and Full Waveform Inversion for Offshore Wind Site Characterization</b> Luca Limonta, TGS
09:35	<b>4D FWI: A Pathway to Faster Reservoir Monitoring Insights? A Case Study from the Goliat Field in the Barents Sea</b> Sandrine David, Vår Energi
09:55	<b>Multi-Component Towed Streamer MP-FWI Imaging</b> Tom Rayment, DUG Technology
10:15	<b>Coffee &amp; Networking</b>
10:45	<b>Imaging of the Ekofisk Reservoir below Overburden Gas with Visco-Elastic Full Waveform Inversion</b> Marie Stavland, ConocoPhillips & Ryan Alexander, Viridien Group
11:05	<b>Multiparameter FWI Imaging Using Reflections, Diving-Waves, Primaries and Multiples - A Case Study from Johan Sverdrup</b> Olivia Lewis, SLB


HOUR:	DESCRIPTION:
11:25	<b>MP-FWI, the Key to Unlock Potential Prospects in the Norwegian Sea</b> <b>- A Case Study from the Outer Vøring Area</b> Sören Naumann, TGS
11:45	<b>Towards Full-Bandwidth, Multi-Parameter, Inversions with Elastic Full-Waveform Inversion</b> Andrew Ratcliffe, Viridien Group
12:10	<b>Lunch</b>
13:10	<b>KEYNOTE: The Real Value of 4D Seismic</b> Mona Hanekne Andersen, Equinor 
13:30	<b>Valhall LoFS 4D Seismic Refresh: Bringing Order to a Complex Time-Lapse Data Library</b> Ross Milne, Aker BP
13:50	<b>Reviving Legacy 4D Seismic Data to Reveal Subtle Oil Slumping Signals in the Grane Field</b> Monika Wilk-Lopes, SLB
14:10	<b>Breidablikk: First High-Quality 4D Seismic Reservoir Monitoring through OBN-OBN Surveys</b> Abdulhamit Akalin, Equinor
14:30	<b>Coffee &amp; Networking</b>
15:00	<b>Seafloor Subsidence and Uplift: The Value of Monitoring Fundamental Reservoir Behaviour</b> Ola Eiken, Quad Geometrics Norway
15:20	<b>Can 'A Million' Investment Save 'A Billion' and Extend a Field Lifespan?</b> <b>Reprocessing Case Study from the Valemon Field</b> Marta Wierzchowska, Equinor & Liao Kunpeng, Viridien Group

HOUR:	DESCRIPTION:
15:40	<b>Seismic Reservoir Prediction Using the “Advanced Probe” Technology and Rock Physics Feasibility Modelling with Demonstrations from Exploration and Production</b> Cathrine Holmsen, Petoro & Per Avseth, Dig Technology
16:00	<b>High-Resolution Imaging below Complex Shallow Geology in the Barents Sea</b> John Morgan, Viridien Group
16:20	<b>End of conference day 2</b>

Thursday 19. March

HOUR:	DESCRIPTION:
08:30	<b>Welcome day 3</b>
08:35	<b>KEYNOTE: Geophysics in the Era of Hyperscale Cloud and AI: Thoughts on Key Challenges and Opportunities</b> Sverre Brandsberg-Dahl, Microsoft
09:00	<b>EL001: First Offshore Merchandising CO2 Storage, the Full Success Story from Exploration to Injection</b> Matthieu Vinchon, Northern Lights
09:20	<b>Sandstone Mapping and Injector Placement Supported by Quantitative Geophysical Methods for the Northern Lights CO2 Storage</b> Hans Peder Hansen, Total Energies
09:40	<b>Benchmarking DAS VSP Technology for Exploration Wells</b> Mark Ackers, Vår Energi
10:00	<b>Coffee &amp; Networking</b>



HOUR:	DESCRIPTION:
10:30	<b>Time-Lapse Gravity and Seafloor Deformation Surveys as a Cost-Efficient, Fully Uncrewed Reservoir Monitoring Technology</b> Yasaman Cheraghi, Reach Subsea
10:50	<b>Ormen Lange 2025 Gravity Survey - A World-First Uncrewed Offshore Gravity Survey</b> Øystein Sømme, Egil Syre or Issam Al-Kafaji, Shell
11:10	<b>Seismic Characterisation of an Arctic Glacier using Distributed Acoustic Sensing</b> Tora Haugen Myklebust, NTNU
11:30	<b>KEYNOTE: Exploration from an Economic Perspective</b> Anders Wittemann, Wittemann E&P Consulting
	
12:05	<b>Closing remarks and best paper award</b>
12:15	<b>End of conference and lunch</b>