

The Biennial Geophysical Seminar 2026

Tuesday 17. March

HOUR:	DESCRIPTION:	
10:30	Registration From 10.30 - 11.00 hrs.	
11:00	Lunch	
12:00	Welcome and introduction Vetle Vinje, Viridien, Chair of Committee	
	Chairs: Leila Bencherif-Sørensen, ConocoPhillips & Ben King, Equinor	
12:10	KEYNOTE: The Past, Present, and Future of the Norwegian Oil and Gas Sector Hege Susanne Blåsternes, Norwegian Offshore Directorate	
12:35	Identifying Geomechanical Risks from Time-Lapse Seismic for Reservoir Management and Well Delivery in Ekofisk Sirikarn Narongsirikul, ConocoPhillips	
12:55	Seismic Reservoir Prediction Using the “Advanced Probe” Technology and Rock Physics Feasibility Modelling with Demonstrations from Exploration and Production Cathrine Holmsen, Petoro & Per Avseth, Dig Technology	
13:10	High-Resolution Multi-Purpose Seismic from Conventional Towed Streamers Simon Redfearn, Shearwater GeoServices	

HOUR:	DESCRIPTION:
13:25	<p>Advanced Seismic Acquisition and Imaging Using Gemini Extended Frequency Source Technology in Complex Geological Environments Tilman Kluever, TGS</p>
13:45	<p>Coffee & Networking</p>
	<p>Chairs: Grunde Rønholt, TGS & Geir Apeland, SLB</p>
14:15	<p>KEYNOTE: Perspectives from the Sea Floor Mark Thompson, Equinor</p> 
14:40	<p>Drop&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 Jan Erik Lie & Martin Brandtzæg Gudem, Aker BP</p>
15:00	<p>Operational Excellence and Data Quality in the Utsira North 2025 OBN Survey: Dual-ROV, AUV, and Source Innovations Carine Roalkvam, Aker BP</p>
15:20	<p>Digital Geological Modelling for Acquisition Support and Accelerated Field-Data Processing at Utsira North Ross Haacke, Viridien</p>
15:40	<p>Coffee & Networking</p>
16:10	<p>Improved Reservoir Interpretation and Drilling Results Using OBN Data at the Balder & Ringhorne Fields Alexandre Bertrand, Vår Energi</p>
16:30	<p>Joint 3D Elastic FWI of OBS and DAS-VSP Habib Abd El Malak, SLB</p>
16:50	<p>DAS Above, Around, and in the Reservoir - Learnings from Multi-Fibre Seismic Imaging Espen Birger Raknes, Aker BP</p>

HOUR:	DESCRIPTION:
17:10	Exploring Seabed DAS Reflection Imaging and Diving-Wave Elastic FWI for Active Seismic Monitoring Using the Ekofisk PRM Alex Calvert, Total Energies & Jordan Johal, Viridien
17:30	End of conference day 1
19:00	Get-Together with finger food (light meal) and drinks Skybar - Caledonien Hotel, Kristiansand

Wednesday 18. March

HOUR:	DESCRIPTION:
08:45	Welcome day 2 Chairs: Percy Mellar, DUG & Vetle Vinje, Viridien
08:50	KEYNOTE: Elastic FWI - From Physics to Value Ole Jøran Askim, Aker BP
	
09:15	3D Ultra-High-Resolution Depth Velocity Model Buildingz and Full Waveform Inversion for Offshore Wind Site Characterization Luca Limonta, TGS
09:35	4D FWI: A Pathway to Faster Reservoir Monitoring Insights? A Case Study from the Goliat Field in the Barents Sea Sandrine David, Vår Energi
09:55	Multi-Component Towed Streamer MP-FWI Imaging Tom Rayment, DUG Technology
10:15	Coffee & Networking

HOUR:	DESCRIPTION:
10:45	<p>Imaging of the Ekofisk Reservoir below Overburden Gas with Visco-Elastic Full Waveform Inversion Marie Stavland, ConocoPhillips & Ryan Alexander, Viridien</p>
11:05	<p>Multiparameter FWI Imaging Using Reflections, Diving-Waves, Primaries and Multiples - A Case Study from Johan Sverdrup Yaser Gholami, SLB</p>
11:25	<p>MP-FWI, the Key to Unlock Potential Prospects in the Norwegian Sea - A Case Study from the Outer Vøring Area Sören Naumann, TGS</p>
11:45	<p>Towards Full-Bandwidth, Multi-Parameter, Inversions with Elastic Full-Waveform Inversion Andrew Ratcliffe, Viridien</p>
12:05	<p>Lunch</p>
	<p>Chairs: Øystein Sømme, Norske Shell & Leila Bencherif-Sørensen, ConocoPhillips</p>
13:10	<p>KEYNOTE: The Real Value of 4D Seismic Mona Hanekne Andersen, Equinor</p> 
13:30	<p>Valhall LoFS 4D Seismic Refresh: Bringing Order to a Complex Time-Lapse Data Library Ross Milne, Aker BP</p>
13:50	<p>Reviving Legacy 4D Seismic Data to Reveal Subtle Oil Slumping Signals in the Grane Field Monika Wilk-Lopes, SLB</p>
14:10	<p>Breidablikk: First High-Quality 4D Seismic Reservoir Monitoring through OBN-OBN Surveys Abdulhamit Akalin, Equinor</p>
14:30	<p>Coffee & Networking</p>

HOUR:	DESCRIPTION:
	Chairs: Lars Klefstad, Norwegian Offshore Directorate & Sindre Bull-Jansen, Shearwater
15:00	Seafloor Subsidence and Uplift: The Value of Monitoring Fundamental Reservoir Behaviour Ola Eiken, Quad Geometrics Norway
15:20	Can 'A Million' Investment Save 'A Billion' and Extend a Field Lifespan? Reprocessing Case Study from the Valemon Field Marta Wierzchowska, Equinor & Liao Kunpeng, Viridien
15:40	High-Resolution Shallow Hazard Characterization with Multi-Component Single-Sensor Streamers Towed Deep - A Validation Study Susanne Rentsch, Shearwater GeoServices
16:00	High-Resolution Imaging below Complex Shallow Geology in the Barents Sea John Morgan, Viridien
16:20	End of conference day 2
18:30	APERITIF AND CONFERENCE DINNER

Thursday 19. March

HOUR:	DESCRIPTION:
08:30	Welcome day 3 Chairs: Ståle Høgden, Vår Energi & Cameron Hamilton, TotalEnergies
08:35	KEYNOTE: Geophysics in the Era of Hyperscale Cloud and AI: Thoughts on Key Challenges and Opportunities Sverre Brandsberg-Dahl, Microsoft



HOUR:	DESCRIPTION:
09:00	EL001: First Offshore Merchandising CO2 Storage, the Full Success Story from Exploration to Injection Matthieu Vinchon, Northern Lights
09:20	Sandstone Mapping and Injector Placement Supported by Quantitative Geophysical Methods for the Northern Lights CO2 Storage Hans Peder Hansen, Total Energies
09:40	Benchmarking DAS VSP Technology for Exploration Wells Mark Ackers, Vår Energi
10:00	Coffee & Networking
10:30	Time-Lapse Gravity and Seafloor Deformation Surveys as a Cost-Efficient, Fully Uncrewed Reservoir Monitoring Technology Yasaman Cheraghi, Reach Subsea
10:50	Ormen Lange 2025 Gravity Survey - A World-First Uncrewed Offshore Gravity Survey Øystein Sømme, Shell
11:10	Seismic Characterisation of an Arctic Glacier using Distributed Acoustic Sensing Tora Haugen Myklebust, NTNU
11:30	KEYNOTE: Exploration from an Economic Perspective Anders Wittemann, Wittemann E&P Consulting
	
12:05	Closing remarks and best paper award
12:15	End of conference and lunch