

The Biennial Geophysical Seminar

Monday 12. March

Hour:	Description:
08:00	Registration
08:45	Welcome and introduction Niels Jørgen Ventzel, ConocoPhillips
	BARENTS SEA CASE STUDIES AND NEW ACQUISITION Chair: Ruth Synnoeve Haga Pettersen, AkerBP and Anniken Teigen, Petoro
09:00	Key note Halfdan Carstens
09:30	TopSeis: Part one - Understanding the challenges and proposing a solution Jan-Erik Lie, Lundin
10:00	TopSeis: Part two - Acquisition & processing of the new source-over-cable marine seismic data Per Eivind Dhelie, Lundin
10:30	BREAK
11:00	High resolution seismic interpretation at Wisting: A breakthrough for shallow reservoir development Lars Martin Moskvil, OMV
11:30	Seismic re-processing to optimize AVO and resolution in the Wisting field Geir Apeland, Western
12:00	Full-waveform inversion model building for a shallow reservoir in the Barents Sea Olivia Lewis, Western
12:30	Award
12:45	LUNCH
	FIELD DEVELOPMENT AND PRODUCTION MONITORING Chair: Lars Sonneland, Schlumberger and Niels Jørgen Ventzel, ConocoPhillips

HOUR:	DESCRIPTION:
13:30	Key note: Reservoir Geophysics - Reflections Mark Thompson, Statoil
14:00	Comparing a suite of acquisition and processing methods on Frigg Gamma and Delta fields Ruth S. Haga Pettersen, AkerBP
14:30	Seismic imaging of a leaking hydrocarbon field: The Frigg Gamma Structure Erling Rykkelid, AkerBP
15:00	BREAK
15:30	4D reservoir monitoring on the Bøyla field using full broadband acquisition and processing solutions Julien Oukili, PGS
16:00	The evolution of Life-of-field 4D seismic monitoring at Valhall Ross Milne, AkerBP
16:30	Application of modern processing technology and interpretation tools to optimise development well planning adjacent to a salt diapir: the Oda Field, Norwegian North Sea Peter Mackintosh, Spirit Energy
18:00	GET- TOGETHER

Tuesday 13. March

HOUR:	DESCRIPTION:
	PROCESSING AND IMAGING Chair: Vetle Vinje, CGG and Terje Dahl, Statoil ASA
08:30	Key note: From Incremental to Transformational Workflows: Contemporary Imaging and What Comes Next Ian Jones, ION
09:00	Exploration across critical angle Espen H Nilsen, Lundin

HOUR:	DESCRIPTION:
09:30	Practical application of geology from seismic diffractions Stig-Kyrre Foss, Statoil ASA
10:00	BREAK
10:30	Diffraction imaging: Depth-oriented data decomposition in dip angle domain Prof. Evgeny Landa, PetroTrace
11:00	Towards correct AVA and inversion of OBC data: a new method for estimating reflection angles with an example from the North Sea OBC dataset Peng Zhao, CGG
11:30	Triple source isolation - a seismic shift for seabed seismic productivity: results from a North Sea field test Eivind Frømyr, Magseis AS
	AQUISITION Chair: Atle Aamodt, PGS and Leila Bencherif-Sørensen, Total
12:00	Marine seismic source directions in a world increasingly driven by lower cost, lower environmental impact, and higher data value Andrew Long, PGS
12:30	Award
12:45	Break, lunch at 13:00
13:45	Deblending of a large 3D survey acquired with triple sources in the Norwegian Sea Simon Baldock , TGS
14:15	Can Watson help us find more oil? Loek Vredenberg, IBM
14:45	Experience of triple-source airgun array performance Gareth Williams, Shearwater
15:15	Break
15:45	Advances in imaging deep Norwegian Sea exploration targets Steffen Bergler, A/S Norske Shell

HOUR:	DESCRIPTION:
16:15	Key Note: METIS: first pilot in the Papuan rainforest for a revolutionary seismic acquisition system Pierre-Olivier Lys, Total
17:30	APERITIF AND CONFERENCE DINNER

Wednesday 14. March

HOUR:	DESCRIPTION:
	AVO, INVERSION AND ROCK PHYSICS Chari: Odd Petter Skogly, Shell and Mark Andrew Ackers, Spirit Energy
09:00	Key note: The limits of seismic inversion: How good should your reservoir property estimates be? Pat Connolly
09:30	Can a Computer Learn to Map Reservoir Architecture and Quality by Training on Data? Eirik Larsen, Earth Science Analytics AS
10:00	Designing a Permanent Reservoir Monitoring system for the Johan Sverdrup field Cedric Fayemendy, Statoil ASA
10:30	BREAK
11:00	"Working with effective elastic parameters in (TI) anisotropic media Anisotropic inversion using isotropic modeling" Peter Mesdag, CGG
	CASE STUDIES AND WORKFLOWS
11:30	A new workflow for broadband PP and Converted Wave PS ocean bottom sensor processing from the North Sea Richard Whitebread, WesternGeco
12:00	Solving imaging challenges in a deep water, complex ooze regime - A case study from the Outer Vøring Area Sören Naumann, PGS

HOUR:	DESCRIPTION:
12:30	Fast prediction and attenuation of internal multiples for quantitative interpretation on the Smørbukk field Adriana Citlali Ramírez, Statoil ASA
	Closing remarks and result from best paper vote Niels Jørgen Ventzel, ConocoPhillips