The Biennial Geophysical Seminar

mandag 12. mars

TIME:	BESKRIVELSE:
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
13:30	**Key note: Reservoir Geophysics - Reflections** Mark Thompson, Statoil

TIME:	BESKRIVELSE:
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**

tirsdag 13. mars

TIME:	BESKRIVELSE:
	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
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

TIME:	BESKRIVELSE:
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
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**

onsdag 14. mars

TIME:	BESKRIVELSE:
	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
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