

FORCE 4D - 30 years of 4D seismic on the Norwegian Continental Shelf

Preliminary Agenda

DAY 1 Wednesday 28.11.2018

Time	Topic	Presenter
08:15	Registration and coffee	
08:45	Welcome	Olav Bakved
	Session I: Past, present, and future of 4D	Chair: TBD
09:00	Tutorial I: Past, Present and Future of 4D seismic (technology + applications)	Martin Landrø (NTNU)
09:45	P.1 Nearly 30 years of 4D seismic on the Ekofisk Field	Per Gunnar Folstad (ConocoPhillips)
10:10	P.2 4D seismic data on the Heidrun Field	Sissel Grude (Equinor)
10:35	Coffee break & Networking	
	Session II: Past, present, and future of 4D (Continued)	Chair: TBD
11:05	P.3 Halfdan 4D Workflow and Results Leading to Increased Recovery	Monica Calvert (Total)
11:30	P.4 4D seismic for late life field development: Example from Balder and Ringhorne fields	Alexandre Bertrand (Point Resources)
11:55	P.5 4D Monitoring: Example of 4D interpretation below OWC, GjØa – Northern North Sea	Mailin Seldal (Neptune Energy)
12:20	Lunch & Networking	
	Session III: Strategies and methods	Chair: TBD
13:10	P.6 The value of a long-term approach to time-lapse seismic processing	Patrick Smith (WesternGeco)
13:35	P.7 4D broadband case study at the Bøyla field, North Sea	Julien Oukili (PGS)
14:00	Coffee break & Networking	
	Session IIII: Integration and reservoir model update	Chair: TBD
14:25	P.8 History Matching Production and 4D Seismic Data in the Norne Field	Rolf Lorenzen (HM/IRIS)
14:50	P.9 Predicting pressure and fluid saturation changes using 4D seismic attributes, production data and simulation model	Carlos Pacheco (ConocoPhillips)
15:15	P.10 Integration of 4D into reservoir models	Trine Alsos (Equinor)
	Introduction to Break Out / Discussion / Demo Sessions	Chair: TBD
15:40	Themes: Value of 4D / Business Case; Data Sharing; Workflows.....	All/ Groups
	We will get back with more details on format for this session	All/ Groups
18:30	Reception & Dinner at the NPD	

DAY 2 Thursday 29.11.2018

Time	Topic	Presenter
08:15	Coffee break & Networking	
08:45	Introduction to Day 2	Olav
09:00	Feedback from Discussions and Break Out sessions	All
	Session V: Timeshift & Geomechanics	Chair: TBD
09:30	Tutorial II: Use of timeshift from 4D seismic analysis	Colin MacBeth (ETLP, Heriot Watt)
10:15	P.11 4D and Geomechanics: A Geomechanics View	Tron Kristiansen (Aker BP)
10:40	P.12 Geomechanical-induced 4D time shifts	Thomas Røste (Equinor)
11:05	Coffee break & Networking	
	Session VI: Tools and technology	Chair: TBD
11:25	P.13 A comparison of dynamic time and spatial correlation methods in time-lapse seismology	Brian Russell (CGG/HRS)
11:50	P.14 4D Data – A Question of Time	Brian Lynch (DGI)
12:15	Lunch	
	Session VII: Future of 4D deployment	Chair: TBD
13:00	P.15 Reservoir monitoring in EQN, history and way forward	Mark Thompson (Equinor)
13:25	P.16 Grane PRM: What can be seen and how can it be used?	Rigmor Elde (Equinor)
13:50	P.17 Sharing the learnings of 15 years of LoFS at Valhall field	Nirina Haller (Aker BP)
14:15	Coffee break & Networking	
	Session VIII: To be confirmed	Chair: TBD
14:35	P.18 To be confirmed	To be decided
15:00	P.19 To be confirmed	To be decided
15:25	Panel Discussion /summary	Chair: TBD
16:10	Adjourn	