

# Dragefjellet (2.etg/1st floor)

## Mandag 7. januar / Monday January 9<sup>th</sup>

10:00	<b>Welcome</b> – Janka Rom, President of NGF	
10:30	<b>Plenary: A systems approach for the monitoring of the physical economy, Daniel Muller</b>	
11:15	<b>Brøgger award</b>	
Time	<b>T3 Petroleum geoscience - Barents Sea</b>	
	<i>Chair: Erik P Johannessen, Magnus Johannessen, Faroe Petroleum</i>	
	Title	Authors
12:40	<b>Keynote: New and updated structural elements in the northern Barents Sea</b>	<b><u>Mattingsdal, R.</u>, Johansen, S.K., Brekke, H., Knutsen, S.M,</b>
13:00	Late Mesozoic evolution of the Southwest Barents Sea and its tectonic implications	<u>Wong, P.W.</u> , Faleide, J.I., Gabrielsen, R.H.
13:20	The 3D structure of normal faults in the Norwegian Barents Sea	<u>Torabi, A.</u> , Alaei, B., Libak, A.
13:40	Deep-seated Carboniferous graben structures and reactivation of younger domes in the southeastern Norwegian Barents Sea	<u>Hassaan, M.</u> , Faleide, J.I., Gabrielsen, R.H., Tsikalas, F.
14:00	Strike-slip reactivation of segmented normal faults: implications for basin structure, fluid flow and applications to the Barents Sea	<u>Rotevatn, A.</u> , Peacock, D.
14:20	Deep sedimentary deflation-compaction related faulting – examples from the Barents Sea	<u>Dahlgren, T.</u>
14:40	Multi-stage rifting, fault reactivation styles and growth basin architecture; evolution of the Terningen Fault Complex and Fingerdjupet Subbasin, southwestern Barents Sea	<u>Serck, C.S.</u> , Braathen, A., Faleide, J.I., Midtkandal, I., Kjølhamar, B.
15:00	Coffee break	
	<b>T3 Petroleum geoscience , Barents Sea</b>	
	<i>Chair: Fridtjof Riis, NPD, Theodor Lien, AkerBP</i>	
15:20	Structural controls on column height fill. Insights from the Snøhvit gas field in the Hammerfest Basin, SW Barents Sea.	<u>Edmundson, I.</u> , Rotevatn, A., Davies, R., Broberg, K., Yielding, G.
15:40	Synthetic seismic modelling of fluvial channels in the Blackhawk Formation as an analogue to the Triassic Barents Sea	<u>Friestad, E.</u> , Eide, C.H., Lecomte, I.
16:00	Linking erosion history in Northern Fennoscandia to stratigraphy in the Barents Sea over the last 600 Ma	<u>Eide, C.H.</u> , Hall, A.M
16:20	Barremian delta and Early Cretaceous faulting revealed by high-resolution 3D seismic data in the southwestern Barents Sea	<u>Faleide, T.S.</u> , Midtkandal, I., Planke, S., Corseri, R., Faleide, J.I., Nystuen, J.P., Braathen, A.
16:40	A diverted submarine channel of Early Cretaceous age revealed by integration of P-Cable seismic and CSEM data in the SW Barents Sea	<u>Corseri, R.</u> , Faleide, T.S., Faleide, J.I., Midtkandal, I., Serck, C.S., Trulsvik, M., Planke, S.
17:00	Geochemical correlation of Triassic strata in the Barents Sea – testing of a non-destructive method	<u>Hegstad, S.K.</u> , Ahokas, J., Forwick, M., Grundvåg, S.A.,
17:20		
17:40	End of day	

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## Tirsdag 8. januar / Tuesday January 8<sup>th</sup>

T3 Petroleum geoscience , Norwegian Sea		
<i>Chair: Elisabeth Femsteinevik, Faroe Petroleum, Anette B. M. Tvedt, Petrolia</i>		
Time	Title	Authors
08:40	<b>Keynote: New core data from overburden at Skarv Field: Implications for stratigraphy, neotectonics and distribution of hydrocarbons</b>	<b>Riis, F., Eidvin, T., Olesen, O.</b>
09:00	A metamorphic core complex in the southern Frøya High? A comparative analysis of the Klakk Fault Complex and underlying basement structure	<u>Muñoz-B, J.M.</u> , Henstra, G., Kristensen, T., Gawthorpe, R., Rotevatn, A.
09:20	Neotectonics in Nordland – implications for petroleum exploration	<u>Olesen, O.</u> , Janutyte, I., Lindholm, C., Michalek, J., Ottemöller, L., Gradmann, S., Keiding, M., Maystrenko, Y.P., Olsen, L., Kierulf, H.P., Lauknes, T.R., Dehls, J.F., Ask, M., Ottesen, D., Rise, L. & Riis, F.
09:40	Fluid circulation and fault-controlled diagenesis along a major syn-rift border fault system – the Dombjerg Fault and the Wollaston Forland Basin, NE Greenland	<u>Salomon, E.</u> , Rotevatn, A., Kristensen, T.B., Grundvåg, S.A., Henstra, G., Meckler, A.N.
10:00		
10:20	Lunch	
T3 Petroleum geoscience, Norwegian Sea		
<i>Chair: Janka Rom, NPD</i>		
10:40	Where is the fresh water coming from? Can its source lead to hydrocarbon accumulations?	<u>Gyllenhammar, C.F.</u>
11:00	Hydrothermal vent complexes acting as preferential fluid migration pathways in the Møre and Vøring basins	<u>Manton, B.</u> , Planke, S., Millett, J., Zastrozhnov, D., Mazzini, A., Müller, P., Myklebust, R.
11:20	Cretaceous-Paleocene tectonostratigraphic development of the Møre and Vøring basins, offshore Mid-Norway	<u>Zastrozhnov, D.</u> , Gernigon, L., Gogin, I., Sverre Planke, S., Faleide, J.I., Manton, B., Abdelmalak, M.M., Iyer, K., Schmid, D.W., Myklebust, R.
11:40	An integrated conjugate margin approach for hydrocarbon exploration in the outer Vøring Basin	<u>Polteau S.</u> , Zastrozhnov D., Lebedeva-Ivanova N., Planke S., Schmid D., Iyer K., Trulsvik M., Myklebust R.
12:00	New insights into the Cretaceous and Cenozoic tectono-stratigraphic evolution of the southern Lofoten and northern Vøring margins, offshore northern Norway	<u>Tsikalas, F.</u> , Faleide, J.I. & Kalač, A.
12:20	Lunsj	
13:20	Toffen Award	
13:45	<b>New perspectives on the Caledonides of Scandinavia, Fernando Corfu</b>	
T3: Petroleum geoscience		
<i>Chair: Rune Sakariassen, PGS, Tore Klausen, Petrolia</i>		
15:40	Reconstruction of the uplift and subsidence history of Smeaheia, a proposed CO <sub>2</sub> injection and storage site	<u>Kolnes, J.F.</u> , Anell, I., Mulrooney, M.J., Faleide, J.I., Braathen, A.
16:00	Comparison between two Late Jurassic CO <sub>2</sub> storage prospects with respect to structural derisking, Smeaheia area, Norwegian North Sea	<u>Osmond, J.L.</u> , Mulrooney, M.J. Skurtveit, E., Braathen A.
16:20	Seal characterisation of the Amundsen Formation for CO <sub>2</sub> storage in the northern North Sea	<u>Fawad, M.</u> , Hansen, J.A., Johnsen, J.R., Mondol, N.H.
16:40	The compaction of sedimentary rocks	<u>Michelsen, J.K.</u>
17:00		
17:20	End of day	

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## Onsdag 9. januar / Wednesday January 9<sup>th</sup>

T3 Petroleum geoscience, Migration and source rock		
<i>Chair: Tore Skar, Suncor, Maria Marvik, Petrolia</i>		
Time	Title	Authors
08:40	The expulsion of petroleum from organic rich sediments	<u>Michelsen, J.K.</u> , Khavari-Khorasani, G.
09:00	Relationship between maturation and geomechanical parameters of the Upper Jurassic organic-rich Draupne Shale, Norwegian North Sea	<u>Johnson, J.R.</u> , Hansen, J.A., Fawad, M., Mondol, N.H.
09:20	Fluids implicated in hydrocarbon migration: Identifying the culprits	<u>Stein, H.J.</u> , Hannah, J.L.
09:40	Quantitative characterization of the Central North Sea Jurassic petroleum system	<u>Hansen, J.A.</u> , Johnson, J.R., Fawad, M., Mondol, N.H.
10:00	On the trace of a lower Aptian source rock in Svalbard	<u>Grundvåg, S.A.</u> , Olausen, S., Midtkandal, I., Śliwińska, K.K.
10:20	Organic geochemical trends and correlations of Middle Triassic shales in Svalbard – preliminary results	<u>Wesenlund, F.</u> , Grundvåg, S.A., Thiessen, O., Pedersen, J.H., Skeie, J.E.
10:40	Coffee break	
T3 Petroleum geoscience, Migration and source rock		
<i>Chair: Sylvia Nordfjord, Equinor, Synne Skaar Ågotnes, Petrolia</i>		
11:00	<b>Cancelled.</b> Sedimentology and petrology of the Luno II discovery – the southern Utsira High, Norwegian North Sea	<u>Sørli, R.</u> , Gould, A., Maast, T.E., Taylor, A.
11:20	Multiphase rifting controlled by pre-existing basement structures: A case study of the Utsira High, South Viking Graben, North Sea Rift, offshore Norway.	<u>Kristensen, T.B.</u> , Osagiede, E.E., Rotevatn, A., Gawthorpe, R.L., Marsh, N.
11:40	Control of Upper Jurassic submarine fan systems by oblique-slip transfer faults in segmented rift systems: Evidence from the southern margin of the Sogn Graben, northern North Sea	<u>Zhong, X.</u> , Escalona, A., Augustsson, C.
12:00	High permeable zones in basement rocks - Fracture Corridors in the Øygarden gneiss complex, western Norway	<u>Bastesen, E.</u> , Zuluaga, L., Hermansen, E., Olsen, R., Keilegavlen, E., Rotevatn, A.
12:20	Weathering in the Jurassic basin at Andøya, Northern Norway	<u>Rueslåtten, H.</u> , Brønner, M., Schönenberger, J., Crne, A.E., van der Lelij, R., Davidsen, B.
12:40	Tectonic influence on the Jurassic sedimentary architecture in the northern North Sea with focus on the Brent Group	<u>Folkestad, A.</u> , Odinsen, T., Fossen, H., Pearce, M. A.
13:00	Lunch	
14:00	End of conference and poster down	