

Monday, January 7

09:00	Registration and posters up									
	Room plenary: Dragefjellet (2.etg./1st floor)									
10:00	<p style="text-align: center;"><b>Welcome</b> Janka Rom, President of NGF</p>									
10:30	<p style="text-align: center;"><b>A systems approach for the monitoring of the physical economy, Daniel Muller</b></p>									
11:15	<p style="text-align: center;"><b>Brogger award</b></p>									
11:45	Lunch									
	Room: Dragefjellet (2.etg./1st floor)		Room: Teatergaten (2.etg./1st floor)		Room: Sydneshaugen (2.etg./1st floor)		Room: Museglass (3.etg./2nd floor)		Room: Tårnplass (4.etg./3rd floor)	
Time	<b>T3 Petroleum geoscience - Barents Sea</b>		<b>T8 Sedimentologi. Stratigrafi og klima / Sedimentology - Stratigraphy and climate</b>		<b>T6 Berggrunnsgeologi og geodynamikk / Bedrock Geology and geodynamics</b>		<b>T1 Mineraler for neste generasjon / Minerals for the next generation</b>		<b>T4 Kvartær geologi / Quaternary Geology</b>	
	Chair: Erik P Johannessen, Magnus Johannessen, Faroe Petroleum		Chair: Israel Polonio, Lundin, Tore Klausen, Petrolia		Chair: Trond Slagstad, NGU		Chair: Sabina S Palinkas, UiT, Håvard Grønnevik, UiB		Chair: John-Inge Svendsen, UiB	
	Title	Authors	Title	Authors	Title	Authors	Title	Authors	Title	Authors
12:40	<b>Keynote: New and updated structural elements in the northern Barents Sea</b>	<b>Mattingsdal, R., Johansen, S.K., Brekke, H., Knutsen, S.M.</b>	Revised stratigraphy of Syllfjellet, Svalbard: a new contribution to the Paleogene Van Mijenfjorden Group	Jochmann, M.M., Augland, L.E., Lenz, O., Bieg, G., Haugen, T., Grundvåg, S.A., Jelby, M.E., Midtkandal, I., Dolezych, M., Hjalmarssdóttir, R.	The dyke swarm in the Reinifjord Ultramafic Complex: a window in to the terminal stages forming the Seiland Igneous Province, N. Norway	Orvik, A.A., Sørensen, B.E., Larsen, R.B., Slagstad, T.	The United Nations Framework Classification for Resources (UNFC)	Heiberg, S., Blystad, P., Tulsidas, H., Griffiths, C.	"Bræer, hvorved merker er abrakte" – fastmerke som geologen John Bernhard Rekstad etablerte for å måle frontendingar til breuteparar frå Jostedalstreen	Nesje, A., Kjølland, P.G.
13:00	Late Mesozoic evolution of the Southwest Barents Sea and its tectonic implications	Wong, P.W., Faleide, J.I., Gabrielsen, R.H.	Utsira and Eir formations; subdivision age and distribution	Rundberg, Y.	What is the relationship between the Rødsfjell complex and the Upper Kåli nappes?	Saalmann, K., Bjerggård, T., Sandstad, J.S., Lutro, O., Slagstad, T.	Responsible and sustainable administration of mineral resources in Norway	Brekken, M.	Glacier variations and environmental changes in the Polar Urals Mountains through the last 70,000 years.	Svendsen, J.I., Hafidason, H., Henriksen, M., Hovland, M., Mangerud, J., Nazarov, D., Lohne, Ø.S., Regnell, C., Gyllencreutz, R., Færseth, L.M.B., Schäfer, J.
13:20	The 3D structure of normal faults in the Norwegian Barents Sea	Torabi, A., Alaei, B., Libak, A.	Occurrences of <i>Thalassioioides</i> isp. within an organic rich hydrocarbon source rock; the Botneheia Formation, Edgeøya, Svalbard	Bernhardsen, S., Engelschien, V.S., Mørk, A.	The Støren Group of the Trondheim Nappe Complex revisited: rift-related early/middle Ordovician volcanism and turbidite sedimentation at the onset of westward subduction?	Gasser, D., Grenne, T., Augland, L.E., Corfu, F.	Onshore – Offshore correlation of mineral systems along the Norwegian Continental Shelf: A first look	Ryan, E.J., Fichler, C., Sørensen, B.E., Larsen, R.B.E., Viola, G.A.	Arctic Holocene glacier fluctuations reconstructed from lake sediments in Vårfluesjøen, Spitsbergen	Røthe, T.O., Bakke, J., Støren, E.W.N., Bradley, R.
13:40	Deep-seated Carboniferous graben structures and reactivation of younger domes in the southeastern Norwegian Barents Sea	Hassaan, M., Faleide, J.I., Gabrielsen, R.H., Tsikalas, F.	Temporal changes of the benthic environmental conditions in a subarctic fjord with aquaculture activity	Vågen, H.K., Alve, E., Hess, S., Renaud, P.	The origin of Th-enriched volcanic rocks in Oppdal, central Norwegian Caledonides – implications for the evolution of Ordovician arc magmatism	Dalslæn, B., Gasser, D., Grenne, T., Augland, L.E., Corfu, F.	The Norwegian Petroleum Directorate's seabed mapping of Fe-Mn crusts and massive sulphide deposits	Stenløkk, J., Bering, D., Sandstå, N.R., Brekke, H., Bjørnstad, A.	In situ <sup>10</sup> Be surface exposure ages from the inner part of Sunnmøre	Linge, H., Matthews, J.A., Moure, R.W., Nesje, A., Wilson, P., Olsen, J.
14:00	Strike-slip reactivation of segmented normal faults: implications for basin structure, fluid flow and applications to the Barents Sea	Rotevatn, A., Peacock, D.	A new group of phytoplankton appearing around Pangea during the Upper Triassic - Where do find them and what do they tell us?	Mangerud, G., Paterson, N.W., Riding, J.B.	The Feragen Ultramafic Body, Central Norway: a window into oceanic mantle processes	Przyadunenko, A., Nilsson, L.P., Larsen, R.B.	Methodology for quantifying the aggregated seafloor mineral resource potential along the mid-Atlantic ridge	Ellefmo, S.L., Juliani, S., Sinding-Larsen, R.	A late Younger Dryas ice sheet culmination in Trondheimsfjorden, as deduced from tephrochronology and stratigraphy in glacial meltwater-fed	Hagaa, F., Klug, M., Larsson, S., Olsen, L. & Wastegård, S.
14:20	Deep sedimentary deflation-compaction related faulting – examples from the Barents Sea	Dahlgren, T.	Sequences, parasequences and sub-sequences, the sedimentological framework for the Triassic Succession of Svalbard and northern Barents Sea	Mark, A., Lord, G.S., Hey, T.	Shearing, folding and retrogression during exhumation of the southernmost culmination of the Western Gneiss Region, Gulen, SW Norway	Wiest, J.D., Jacobs, J., Fossen, H., Osmundsen, P.T.	Evolution of the Arctic Mid-Ocean Ridge hydrothermal vent fluids: insight from mineral chemistry and fluid inclusion studies	Palinkas, S.S., Pedersen, R.B., Thorseth, I.H.	Deglaciation and Younger Dryas ice-sheet configuration in the outer Hardangerfjord area	Regnell, C., Briner, J., Hafidason, H., Mangerud, J., Svendsen, J.I.
14:40	Multi-stage rifting, fault reactivation styles and growth basin architecture; evolution of the Terningen Fault Complex and Fingerdøpet Subbasin, southwestern Barents Sea	Serck, C.S., Braathen, A., Faleide, J.I., Midtkandal, I., Kjøthamar, B.	Screening the Earth: Geological data for understanding past, present and future	Nyberg, B., Aadland, T., Gawthorpe, R., Helland-Hansen, W.			Importance of deep-seated ultramafic magma-reservoirs in conditioning for Cu-Ni-PGE formation in upper-crustal mafic-ultramafic formations	Larsen, R.B., Sørensen, B.E., Grant, T.B., Tollefsrud, L., Vold, M.O.	The Last Glacial and Holocene sediment flux and sediment stratigraphy of the Lake Bolscheye Shchuchye, Polar Ural, Arctic Russia	Hafidason, H., Zweidoff, J.L., Gyllencreutz, R., Svendsen, J.I., Gladyshev, V., Longvina, E.
15:00	Coffee break									
	<b>T3 Petroleum geoscience , Barents Sea</b>		<b>T8 Sedimentologi. Stratigrafi og klima / Sedimentology - Stratigraphy and climate</b>		<b>T6 Berggrunnsgeologi og geodynamikk / Bedrock Geology and geodynamics</b>		<b>T1 Mineraler for neste generasjon / Minerals for the next generation</b>		<b>T4 Kvartær geologi / Quaternary Geology</b>	
	Chair: Fridtjof Riis, NPD, Theodor Lien, AkerBP		Chair: Atle Mørk, NTNU		Chair: Kerstin Saalmann, NGU		Chair: Axel Müller, UiO, Ida Marie Gabrielsen, UiB		Chair: Sylvia Norfjord, Equinor	
15:20	Structural controls on column height till. Insights from the Snehvit gas field in the Hammerfest Basin, SW Barents Sea.	Edmundson, L., Rotevatn, A., Davies, R., Broberg, K., Yielding, G.	A new organic carbon isotope curve across the Jurassic-Cretaceous boundary in Svalbard: Implications for regional and global-scale correlations and carbon cycling	Jelby, M.E., Koevoets, M.J., Sitwinska, K.K., Alsen, P., Stemmerik, L., Olausen, S.	Tectonomagmatic Evolution of the Sveconorwegian Orogen Recorded in the Chemical and Isotopic Composition of 1070 – 920 Ma Granites	Granseth, A.U., Slagstad, T., Coint, N., Roberts, N., Röhr, T., Sørensen, B.E.	Sulfide mineralizations in the deep rooted Reinifjord ultramafic complex, Nord-Troms	Voll, M.O., Larsen, R.B.E., Sørensen, B.E.	Abrupt climate changes of the last glacial period: are they relevant for the future?	Jansen, E., ice2ice project teams
15:40	Synthetic seismic modelling of fluvial channels in the Blackhawk Formation as an analogue to the Triassic Barents Sea	Friestad, E., Eide, C.H., Lecomte, I.	Clumped isotope thermometry in Cenozoic paleoceanography	Meckler, A.N., Piasecki, A., Meinicke, N., Leutert, T., Ho, S.L.	Ultrahigh-temperature metamorphic rocks in Rogaland, SW Norway exposed	Slagstad, T., Roberts, N.M.W., Ganerød, M., Henderson, I.H.C.	Petrology, ore potential, and tectonic setting of the late-Svecofennian Hamm intrusion, West Troms Basement Complex, North Norway	Hansen, H., Bergh, S.G., Palinkas, S.S.	East Greenland Ice Sheet variability and thresholds through late Pleistocene interglacials	Invaldi, N., Ninnemann, U.S., Galaasen, E.V., Rosenthal, Y., Born, A., Kleiven H.F.
16:00	Linking erosion history in Northern Fennoscandia to stratigraphy in the Barents Sea over the last 600 Ma	Eide, C.H., Hall, A.M.	Mid-Pliocene North Atlantic sea surface temperatures from clumped isotope thermometry	Braaten, A.H., Meinicke, N., Ho, S.L., De Schepper, S., Meckler, A.N.	Brittle Deformation in Central Telemark, South Norway, unravelled by Remote Sensing, Field Structural Analysis and Magnetic Modelling	Gunleiksrud, I.H., Torgersen, E., Redfield, T., Brønner, M.	The fen carbonatite complex, Norway: A potential world class rare earth mineral deposit - is it the Norwegian global contribution to future green technologies?	Dahlgren, S.	Sea-surface conditions, iceberg transport and ice-sheet instabilities during the last Glacial witnessed south of Greenland	Griem, L., voelker, A.H.L., Berben, S.M.P., Dokken, T.M., Jansen, E.
16:20	Barremian delta and Early Cretaceous faulting revealed by high-resolution 3D seismic data in the southwestern Barents Sea	Faleide, T.S., Midtkandal, I., Planke, S., Corseri, R., Faleide, J.I., Nystuen, J.P., Braathen, A.	Carboniferous Permian climate changes as recorded in Svalbard.	Olausen, S., Stemmerik, L., Drøhse, T.S., Johannessen, E., Smyrak-Sikora, A.	High precision dating of the Devonian Høy volcanics, Orkney, northern North Sea, and its implications.	Svebo, J.R., Lundmark, A.M., Augland, L.E.	Using hyperspectral scanning to log cores: example of the Fen complex, Telemark, Southern Norway	Coint, N., Dahlgren, S.	Characterization of Glacigenic Debris Flows and Megaslides of the North Sea Fan from 3D Seismic Data	Bellwald, B., Planke, S., Barret, R., Berndt, C., Manton, B., Myklebust, R.
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	Corseri, R., Faleide, T.S., Faleide, J.I., Midtkandal, I., Serck, C.S., Trulsvik, M., Planke, S.	Assessing the risk of geohazards at the plateau glacier Folgefonna in a warmer climate – evidences from distal glacier-fed lakes	Bakke, J., Røthe, T., Stølsen, E., Johansson, F.M.E.	Structural Evolution of the Eastern Elba Nappe Stack, innermost Northern Apennines, Central Italy	Ryan, E.J., Viola, G., Sørensen, B.E.	Chemistry of quartz related to the Zinnwald/Cinovec Sn-W-Li greisen-type deposit, Eastern Erzgebirge, Germany	Müller, A., Herklotz, G., Giegling, H.	Controversies on ages of Quaternary sediments in the Northern North Sea	Løseth, H., Nygård, A.
17:00	Geochemical correlation of Triassic strata in the Barents Sea – testing of a non-destructive method	Hegstad, S.K., Ahokas, J., Forwick, M., Grundvåg, S.A.	Holocene glacier trends at sub-Antarctic South Georgia	Oppedal, L.T., Bakke, J., Paasche, Ø., Werner, J.P., Van der Bilt, W.G.M.	United plates of Dronning Maud Land – East Antarctica: new insights by integrating geology & geophysics	Jacobs, J., Läufer, A., Ruppel, A., Elvevold, S., Eagles, G., Jokat, W., Elburg, M.A.	Using tourmaline as a guide to the magmatic-hydrothermal transition in the Land's End granite: Optical properties, mineral chemistry, microtextures, and field relations	Drivenes, K., Brownscombe, W., Larsen, R.B., Seltmann, R., Spratt, J., Sørensen, B.E.	Glacial sea ice variability in the Norwegian Sea during abrupt climate changes	Sadatzi, H., Dokken, T.M., Simon, M.H., Berben, S.M.P., Stein, R., Fahl, K., Jansen, E.
17:20			Sedimentation rates in recently glaciated fjord-valley systems – Insights from marine data in Fjærlandsfjorden, a tributary of Sognefjorden.	Thuesen, T., Helland-Hansen, W., Eide, C.H., Hafidason, H., Nesje, A.	Orogenic evolution of the Grenville-age Maud Belt (East Antarctica) during Rodinia assembly: New insights from zircon U-Pb geochronology and Hf-O isotope geochemistry	Wang, C.C., Jacobs, J., Elburg, M.			Synchronous intermediate water warming across the Nordic Seas underpin sea ice reconstructions for Greenland Stadials	Sessford, E.G., Jensen, M.F., Tisserand, A.A., Muschitiello, F., Dokken, T., Jansen, E.
17:40	End of day									
18:30	Tour of Bergen - Øystein Jansen									
19:30	Ice Breaker - University of Bergen									