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Fredag 8. januar

Welcome day 3, Practicalities

	T2 Sedimentologi	T10 Petroleum	T3 Kvartær & kryosfære	T8 Mineral
09:00				
09:05	Small and large-bodied ichthyopterygians from the Early Triassic of Svalbard. Roberts, A.J., Engelschiøn, V.S., Kear, B., Hurum, J.H.	Detachment faulting, successive incision and supradetachment basin evolution in large-magnitude extensional systems – examples from analogue studies and the Mid-Norwegian margin. Osmundsen, P.T., Braathen, A., Gresseth, J., Midtkandal, I., Poyatos-More.	Characterization of a Glacial Paleo-outburst Flood Using High-resolution 3D Seismic Data: Bjørnelva River Valley, SW Barents Sea. Bellwald, B., Planke, S., Polteau, S., Lebedeva-Ivanova, N., Faleide, J.I., Zengaffinen-Morris, S.M., Morse, S., Castellort.	The GREENPEG Horizon2020 project: New exploration tools for European pegmatite green-tech resources. Müller, A, GREENPEG Project Consortium
09:25	Preliminary results on the earliest known mixosaurid fossils ever. Ekhaugen, T.	Structural analysis of the Smeaheia fault block, a potential CO2 storage site, northern Horda Platform. Mulrooney, M.J., Osmond, J.L., Skurtveit, E., Faleide, J.I., Braathen, A.	Last glacial cycle ice surface variations in western Dronning Maud Land, East Antarctica. Fredin, O., Andersen, J.L., Newall, J.C., Sams, S.E., Fabel, D., Koester, A., Stuart, F.M., Caffee, M.W., Goehring, B., Lifton, N.A., Nichols, K.N., Blomdin, R., Glasser, N.F., Suganuma, Y., Roghozhina, I., Harbor, J.M. & Stroeven, S.P.	Tourmaline from Nb-Y-F-pegmatites in south Norway: implications for pegmatite melt origin and evolution. De La Cruz, E., Müller, A., Trumbull, R., Frambert, M., Andersen, T.
09:45	Palynology of Early Cretaceous hydrocarbon seep carbonates from Wollaston Forland, Northeast Greenland – preliminary results. Bang, E., Smelror, M., Kürschner, W.M. & Nakrem, H.A.	Late Mesozoic-Cenozoic tectono-stratigraphic evolution of the Vesterålen margin, offshore northern Norway. Meza, J.C., Tsikalas, F., Faleide, J.I.	Rock surface temperatures in steep high Arctic rock walls on Svalbard. Schmidt, J.U., Etzelmüller, B., Westermann, S.	Aeolian sediments, Uranium and the Alum shale. Bjørlykke, A. & Gautneb, H.
10:05	Coffee break			
	T12 Geovitenskap	T10 Petroleum	T3 Kvartær & kryosfære	T8 Mineral
10:15	Geology as a foundation for seabed habitat mapping. Dolan, M.F.J., Bøe, R., Bjarnadóttir, L.R., Thorsnes, T.	Pre-salt Carboniferous basin architecture, structural inheritance and segmentation in the Nordkapp Basin, Barents Sea. Hassaan, M., Faleide, J.I., Gabrielsen, R.H., Tsikalas, F.	Palaeolakes and outburst floods in south-central Norway. Høgaas, F., Aurand, K., Longva, O.	Uraninite geochemistry in the Central Mineral Belt, Labrador, Canada. Acosta-Gongora, P., Potter, E., Lawley, C., Petts, D., Sparkes, G.
10:35	Marine grunnkart i kystsonen – et hav av muligheter. Bøe, R., Elvenes, R.	Petrographic and provenance analyses of Upper Triassic sandstones from shallow stratigraphic cores, offshore Kvitøya, Svalbard. Mørk, M.B.E., Mørk, A., Johansen, S.K., & Lundschie, B.A.	Coupling hydrodynamic simulations with field observations to reconstruct the Nedre Glomsjø outburst flood. Aurand, K., Høgaas, F.	The Segele deposit, SW Ethiopia – An unusual example of ultramafic-hosted orogenic gold mineralization. Often, M., Hansen, H., Palinkas, S.S., Sahlström, F.
10:55	Verdens beste detaljerte kvartærgeologiske kart i Norge – gratis fra NGU. Sletten, K., Eilertsen, R.S., Rubensdotter, L., Stalsberg, K.	Salt tectonics in the Nordkapp Basin, Barents Sea – Interplay between sediment progradation and differential loading, syn-rift layered evaporitic sequences and pre-salt rift architecture. Hassaan, M., Faleide,	Late- and postglacial relative sea level changes at Kristiansand, S Norway. Romundset, A., Lakeman, T., Gislefoss, L.	Geology and methods for resource estimation of north Norwegian graphite occurrences and their international comparison. Gautneb, H. Rønning, J.S., Engvik, A.K., Henderson, I.H.C., Larsen, B.E.,

11:15 Coffee break				
	T12 Geovitenskap	T10 Petroleum	T3 Kvartær & kryosfære	T8 Mineral
11:35	Soil - Plant Interactions along a 100 km Transect in southern Central- Norway. Flem, B., Englmaier, P., Andersson, M., Finne T.E.	From vertical muds to flat sands – where standard sedimentological workflows do not work. Thunder Horse Field, GOM. Veselovsky, Z., Uhrin, A.	Finding the needle in a haystack – Extracting cold-water coral carbonate mounds from MAREANO's multibeam bathymetry data. Diesing, M., Baeten, N.J., Thorsnes, T. & Lilja Rún Bjarnadóttir, L.R.	Microstructural Constraints and Characterization of Remobilized Sulfides and Associated Alteration at Pahtohavare, Kiruna District, Sweden. Logan, L.A., Bauer, T.E.
11:55	Lime availability in bedrock, soil, and humus: an integration exercise. Acosta-Góngora, P., Flem, B., Finne, T.E., Andersson, M.	Exploring extensional fault interpretations from seismic reflection data of various resolution substantiated by seismic modelling. Faleide, T.S., Braathen, A., Lecomte, I., Mulrooney, M.J. Midtkanda., Bugge, A.J. Planke, S.	Meltwater Sediment Transport as the Dominating Process in Mid-latitude Trough Mouth Fan Formation. Bellwald, B., Planke, S., Becker, L.W.M., Myklebyst, R.	Evaluation of four potential apatite resources in Norway, results from the EU GeoERA-FRAME project. Coint, N., Graham-Hagen, P.
12:15	Soil and Bedrock Geochemistry in Svalbard: Implications for Arsenic Pollution Regulations. Andersson, M., Flem, B.	What do small-scale sand injectites look like in 2D seismic data? Bradaric, A.D., Andersen, T., Løseth, H., Lecomte, I.	Late Cenozoic reshaping of the Barents Shelf: Influence of erosion, sedimentation, and glaciation. Medvedev, S., Faleide, J.I., Hartz, E.H.	Preliminary results of the Carbonates in Trøndelag project. Raaness, A. M., Korneliussen, A., Solbakk, T., Heldal, T. & Kziensyk, A.
12:35 Lunch				
	T14 Grenseland	T10 Petroleum	T3 Kvartær & kryosfære	T8 Mineral
13:15	Esker eller europavei? Hva gir et sted verdi nok? Angvik, T.L., Dahl, R., Erikstad, L., Heldal, T.	Comparison of pore pressure estimation from P- and S- wave velocities. Fawad, M., Rahman, M.J., Mondol, N.H.	Mid – and Late Weichselian chronostratigraphy of the Kongsfjorden Trough Mouth Fan, W-Spitsbergen. Wiberg, D.H., Haflidason, H., Laberg, J.S.	Value assessment of the Iddefjord granite resource. Heldal, T.
13:35	Geologisk landskapskarakter – et mulig verktøy innen geoturisme og forvaltning? Erikstad, L., Larsen, T.A., Dahl, R., Bakkestuen, V.	Multiscale synchrotron X-ray microtomography imaging of organic material in shales in the context of primary migration. Johnson, J.R., Kobchenko, M., Mondol, N.H., Renard, F.	Using CT scans to count varves in lake sediments. Application to Lake Sagtjernet, southeastern Norway. Ballo E.G.	Global shortage of sand and gravel resources – will there also be a sand crisis in Norway? Margreth, A., Erichsen, E.
13:55	Database for geologisk arv – et verktøy for å fremme forvaltning og formidling av geologisk naturarv. Dahl, R., Solbakk, T., Angvik, T.L., Nordahl, B., Gulbrandsen, S.	Time-lapse synchrotron X-ray imaging of deformation modes in organic-rich Green River Shale heated under confinement. Kobchenko, M., Pluymakers, A., Cordonnier, B., Mondo, N.H., Renard, F.	Frost cracking intensities in Scandinavian blockfields and implications for long-term landform evolution and weathering (and glaciation history). Peter, M., Nixon, C., Fredin, O., Andersen, J.L., Westermann, S., Etzelmüller, B.	Deep-sea mapping down to 6000 metres in the Norwegian Sea – challenges and achievements. Thorsnes, T., Dolan, M., Diesing, M., Chand, S., Bjarnadóttir, L., Hodnesdal, h., Tappel, Ø.
14:15 Coffee break				
	T14 Grenseland	T10 Petroleum	T3 Kvartær & kryosfære	T8 Mineral
14:35	Geologi i det økologiske grunnkartet. Heldal, T., Nordahl, B., Torgersen, E., Wesche, J.G.	Natural gas seepage from the seafloor above known hydrocarbon discoveries in the southern Barents Sea and the link to the petroleum system. Matningsdal, R., Serov, P., Patton, H., Andreassen, K., Knutsen, S.-M.	A New Relative Sea-Level Database for Norway. Lakeman, T.R.	Ore-forming processes at the Loki's Castel Hydrothermal Vent Field, the Arctic Mid-Ocean Ridges. Palinkas, S.S., Pedersen, R.B., Sahlström, F., Bodnar, R.J.

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[Characterization of Reservoir](#)

[Fish on magma; shaken, not fried. The AD](#)

[Deep Sea Minerals on the Norwegian](#)

14:55	education. Martens, I., Karlsen, S.	Compartmentalization using Strontium Isotopes. Polteau, S., Huq, F., Yarushina, V., Kihle, J., Johansen, I., Schöpke, C.A., Øvrebø, Á. L.K. and Hartz, E.H.	1732 Eggøya volcanic eruption on Jan Mayen. Larsen, E., Lyså, A. & Höskuldsson, S., Bjørnstad, A., Sandstå, N.R., Solvi, K., Schiager, P.	Continental Shelf – Developments in Exploration. Brekke, H., Stenløkk, J., Eriksen, S., Bjørnstad, A., Sandstå, N.R., Solvi, K., Schiager, P.
15:15	The earliest human footprints (Laetoli) occur in lake sediments that have been misinterpreted as datable volcanic ash. Krill, A.	Use of pore pressure data from the Norwegian Continental Shelf to characterize fluid-flow processes and barriers. Riis, F., Wolff, A.	NORQUA møte	
15:35	End of day			

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