

Wednesday, January 9

Room: Dragefjellet (2.etg/1st floor)			Room: Teatergaten (2.etg./1st floor)			Room: Sydneshaugen (2.etg./1st floor)			Room: Musepass (3.etg./2nd floor)			Room: Tåmplant (4.etg./3rd floor)		
T3 Petroleum geoscience, Migration and source rock			T8 Sedimentologi. Stratigrafi og klima / Sedimentology - Stratigraphy and climate			T6 Berggrunnsgeologi og geodynamikk / Bedrock Geology and geodynamics			T5 Hydrogeologi / Hydrogeology			T2 Geologi i grenseland / Geology and society		
Chair: Tore Skar, Suncor, Maria Marvik, Petrolia			Chair: Atle Folkestad, Equinor			Chair: Bjørn Eske Sørensen, NTNU			Chair: Kirsti Midtømme, NORCE, Kevin Tuttle, Norconsult			Chair: Louise Kristiansen Poole, Faroe Petroleum, Thorbjørn Kaland, UiB		
Time	Title	Authors	Title	Authors	Title	Authors	Title	Authors	Title	Authors	Title	Authors		
08:40	The expulsion of petroleum from organic rich sediments	Michelsen, J.K., Khavari-Khorasani, G.	Opportunities and challenges in the Triassic of the Barents Sea	Johansen, S.K., Lundschie, B.A.	Towards a modern 1:250 000 national bedrock map database	Torgersen, E., Lutro, O., Solli, A., Gasser, D., Svendby, K., Bingen, B., Pettersen, E., Amtsen, A., Coint, N., Nordahl, B.	Baseline groundwater chemistry in Norway, status and trends	Sundersen, P., Seither, A., Jæger, Ø.	GRIND.no - a gate to the landscape	Helland-Hansen, W.				
09:00	Relationship between maturation and geomechanical parameters of the Upper Jurassic organic-rich Draupne Shale, Norwegian North Sea	Johnson, J.R., Hansen, J.A., Fawad, M., Mondol, N.H.	Differential Controls on Sediment Distribution and Reservoir Quality in the Lower-Middle Jurassic Stø Fm (SW Barents Sea, Norway)	Poyatos-Moré, M., Klausen, T.G., Müller, R., Olausen, S., Faleide, J.I., Ahokas, J., Mitdkandal, I.	Illuminating geologic processes with laser-ablation split-stream ("LASS")-ICP-MS	Hagen-Peter, G.	Assessment of the Groundwater Monitoring Program at Oslo airport	Hasnain, S.M., French, H.K., Fikse, A.N.	UNESCO recognizes the importance of geological natural heritage through the establishment of UNESCO Global Geoparks	Rangnes, K.				
09:20	Fluids implicated in hydrocarbon migration: Identifying the culprits	Stein, H.J., Hannah, J.L.	Large-scale seismic correlation and sequence stratigraphy in the Triassic of the Barents Sea	Gillmullina, A., Klausen, T.G., Helland-Hansen, W., Eide, C.H.	Glacial erosion estimates for the Dronning Maud Land Mountains, East Antarctica, since Eocene-Oligocene times, using low-temperature thermochronological modelling	Sirevaag, H., Jacobs, J., Ksienzyk, A.	Understanding stacked aquifers in consolidated rocks	Ruden, F., Morris, S.	The Svalbard Rock Vault initiative	Jochmann, M.M., Senger, K., Betlem, P.				
09:40	Quantitative characterization of the Central North Sea Jurassic petroleum system	Hansen, J.A., Johnson, J.R., Fawad, M., Mondol, N.H.	Sediment supply to Svalbard and the Barents Sea in the Late Carnian	Klausen, T.G., Müller, R., Olausen, S.	Crustal structure across the southwestern Barents Sea: Implications for Caledonian- and basin trends	Aarseth, L., Mjelde, R., Breivik, A.J., Minakov, A., Eide, C.H., Faleide, J.I., Flueh, E., Huisman, R.S.	Aknes rockslide hydrogeology	Sena, C., Bjørn-Hansen, F., Bruun, H.R., Ringstad, S.R., Braathen, A., Mulrooney, M., Pless, G.	Soapstone as a building material – meeting the need for good carving stone for the Nidaros Cathedral Restoration Workshop	Meyer, G.B., Stavstøien, E., Strand, J.				
10:00	On the trace of a lower Aptian source rock in Svalbard	Grundvåg, S.A., Olausen, S., Mitdkandal, I., Sliwińska, K.K.	Bjørnelva: A Pleistocene Braided River Imaged in High-Resolution 3D Seismic Data in the SW Barents Sea	Bellwald, B., Planke, S., Polteau, S., Lebedeva Ivanova, N., Faleide, J.I., Morris, S.M., Morse, S., Castellort, S.	Igneous seismic geomorphology of Paleogene basalts in the West of Shetland, Møre, and Vøring basins	Planke, S., Millett, J., Jerram, D., Zastrozhnow, D., Maharjan, D., Manton, B., Faleide, J.I., Walker, F., Myklebust, R.	Managing and monitoring dynamic ravinement processes	Sundal, A.	Geological and Mineralogical Characterization of the Dalhaugen Soapstone Deposit, Nordland	Lund, V., Meyer, G.B., Keiding, J.K., Aasly, K.A., Aasly, K.				
10:20	Organic geochemical trends and correlations of Middle Triassic shales in Svalbard – preliminary results	Wesenlund, F., Grundvåg, S.A., Thiessen, O., Pedersen, J.H., Skeie, J.E.	Linking regional unconformities in the Barents Sea to compression-induced forebulge uplift at the Triassic-Jurassic transition	Klausen, T.G., Müller, R., Faleide, J.I., Olausen, S., Suslova, A.	The architecture and evolution of axial volcanic ridges at ultraslow spreading-rates	Stubseid, H.H., Bjerga, A., Pedersen, R.B.	Modelling snowmelt infiltration and basal ice formation in a seasonally-frozen soil	Stuorop, J.C., French, H.K.	Delimitation Iceland- Norway/Jan Mayen	Bergsager, E.				
Coffee break														
T3 Petroleum geoscience, North Sea and Utsira High			T8 Sedimentologi. Stratigrafi og klima / Sedimentology - Stratigraphy and climate			T6 Berggrunnsgeologi og geodynamikk / Bedrock Geology and geodynamics			T5 Hydrogeologi / Hydrogeology			T2 Geologi i grenseland / Geology and society		
Chair: Sylvia Nordfjord, Equinor, Synne Skaar Agotnes, Petrolia			Chair: Israel Polonio, Lundin			Chair: Steffen G. Bergh, UIT			Chair: Pål Gundersen, NGU, Anja Sundal, UiO			Chair: Thorbjørn Kaland, UiB		
11:00	<b>Keynote: Sedimentology and petrology of the Luno II discovery – the southern Utsira High, Norwegian North Sea</b>	Serlie, R., Gould, A., Maast, T.E., Taylor, A.	Temporal evolution of Norwegian Sea marine 14C reservoir ages 12.5 to 19 kyr ago: implications for deglacial 14C chronologies.	Brendryen, J., Hafliðason, H., Yokoyama, Y., Haaga, K.A., Hannisdal, B.	Geochemistry of peridotite and gabbro from the Schultz oceanic core complex, 73°N: implications for magmatic processes at ultraslow-spreading rates	Bjerga, A., Stubseid, H.H., Pedersen, R.B.	Groundwater pressure and drainage behind concrete lining of the Ulvin railway tunnel. Evaluation before and after construction.	Tuttle, K.J.	Landslide-influenced fluviodeltaic successions in the Trondheim centre and effects for the prehistoric settlement at "Nidameset", mid Norway.	Hansen, L., Petersen, 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	Kristensen, T.B., Osagiede, E.E., Rotevant, A., Gawthorpe, R.L., Marsh, N.	To leach or not? A method study on sample treatment for radiocarbon dating applied during Marine Isotope Stage 3 in the Nordic Seas.	Simon, M.H., Wacker, L., Muschitiello, F., Jansen, E., Hajdas, I., Dokken, T.M.	Seafloor accretion along a magma starved spreading ridge	Onstad, S.L., Hamelin, C., Cannat, S.	Hydrogeological tools in urban runoff management – case study from Torshovdalen, Oslo	Sena, C., Sundal, A., Uglum, M., Kristiansen, I., kvitsjøen, J.	The importance and effect of field work in geoscience education	Fjordheim, K.				
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	Zhong, X., Escalona, A., Augustsson, C.	Deglacial ice sheet dynamics of the marine based Fennoscandian ice sheet on the Vesterålen margin	Steinsland, K., Brendryen, J., Hafliðason, H., Hannisdal, B., Haaga, K.A.	The hydrothermal breccia of Berglia-Glassberget, Trøndelag, Norway: Snapshot of a Triassic earthquake	Müller, A., Ganerød, M., Spjelkavik, S.O.S., Selbekk, R.	In situ removal of iron and manganese, the Vyrebox treatment system at Eiverum	Aagard, P., Sena, C., Sundal, A., French, H.K.	Marine base maps: Tailoring geological information to marine spatial planners	Elvenes, S., Lepland, A., Bøe, R.				
12:00	High permeable zones in basement rocks - Fracture Corridors in the Øygarden gneiss complex, western Norway	Bastesen, E., Zuluaga, L., Hermansen, E., Olsen, R., Keilegavlen, E., Rotevatn, A.	U-Th dating of seep carbonates reveals episodic methane release from the Vestnesa Ridge off west Svalbard over the last ~170,000 years	Himmeler, T., Sahy, D., Martma, T., Bohrmann, G., Plaza-Faverola, A., Bünz, S., Condon, D., Knies, J., Lepland, A.	Structurally controlled Zn-Cu mineralization in the West Troms Basement Complex, Northern Norway	Paulsen, H.K., Strmic Palinkas, S., Bergh, S.G.	Monitoring redox sensitive conditions at the groundwater interface using electrical resistivity and self-potential	Fernandez, P.M., Bloem, E., Binley, A.M., Philippe, R., French, H.K.	The Norwegian Red List for Ecosystems and Habitat Types 2018. Geological implications	Erikstad, L., Husteli, B., Dahl, R., Haldal, T.				
12:20	Weathering in the Jurassic basin at Andøya, Northern Norway	Rueslåtten, H., Brønner, M., Schönenberger, J., Crne, A.E., van der Lelij, R., Davidsen, B.	Why you should care about neighbouring sedimentary systems: Overprinted allocyclic processes by tidal resonance in the Upper Jurassic Curtis Formation, Utah, USA	Zuchuat, B., Sleveland, A.R.N., Pettigrew, R., Clarke, S.M., Dodd, T., Rabbel, O., Braathen, A., Mitdkandal, I.	Strain localization induced by late magmatic flux and reaction-driven strain softening, effects of primary mineralogy on the rheological response during reaction	Sørensen, B.E., Grant, T., Larsen, R., Ryan, E.J., Voll, M.O.	ORMEL 2 – Iron and manganese in ATEs systems	Stenvik, L., Gjengedal, S., Frengstad, B. S., Ramstad, R. K.	How can we measure the importance of geological diversity in land-use planning?	Dahl, R., Angvik, T.L., Husteli, B., Erikstad, L.				
12:40	Tectonic influence on the Jurassic sedimentary architecture in the northern North Sea with focus on the Brent Group	Folkestad, A., Odinsen, T., Fossen, H., Pearce, M. A.	Internal delta-lobe variability and the "filtering" effect in low-accommodation fluvial-marine transition zones: the Cretaceous Mesa Rica Sandstone (New Mexico, USA)	van Yperen, A., Poyatos-Moré, M., Holbrook, J., Line, L.H., Mitdkandal, I.			Developing Borehole Thermal Energy Storage (BTES) towards high temperature (HT) BTES	Midtømme, K., Skarphagen, H., Kvalsvik, K.H., Ramstad, R.K., Justo-Alonso, M., Bastesen, E.	Changing the learning environment by developing a national cross-disciplinary course in geohazards	Bakke, J., & the iEarth consortium				
Lunch														
End of conference and poster down														