

[Program onsdag 6. januar](#)  
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## Torsdag 7. januar

09:00

Welcome day 2, Practicalities (5. min, Toffen (30 min)).

### Sesjon 1

### Sesjon 2

### Sesjon 3

### Sesjon 4

09:45

Coffee break

#### T2 Sedimentologi

#### T1 Berggrunn

#### T9 Co2 storage - (CCS)

#### T5 Geofarer

10:00

[Facies variability of the continental Lower Carboniferous Billefjorden Group in Central Spitsbergen, Svalbard.](#) [Würtzen, C. L., Smyrak-Sikora, A., Janocha, J., Johannessen, E. P., Olausen, S., Stemmerik, L.](#)

[The time-dependent thermal trigger for rifting and break-up of continents.](#) [Maystrenko, Y.P., Slagstad, T.](#)

[Natural alteration and fluid migration pathways in basalts with application to permanent CO2- storage: Examples from the Faroe Islands.](#) [Meakins, M.W.J., Rosenqvist, M.P., Planke, S., Millett, J.M., Kjøll, H.J., & Jamtveit, B.](#)

[First results from the Skutshorn rock slope instability, Vang municipality, Innlandet.](#) [Pullarello, J., Hermanns, R.L., Bredal, M., Anda, E., Kristensen, L., Eiken, T., Dehls, J.](#)

10:20

[Multivariate elemental chemostratigraphy of Triassic shales, Eastern Svalbard.](#) [Wesenlund, E., Grundvåg, S.-A., Engelschiøn, V.S., Thiessen, O., Pedersen J.H., Skeie, J.E.](#)

[Microcontinents and continental fragments associated with subduction systems.](#) [van den Broek, J., Gaina, C., Magni, V.](#)

[CO2 reservoir characteristics and storage potential in volcanic rifted margin basalt sequences: an analogue from the Faroe Islands Basalt Group.](#) [Rosenqvist, M.P., Meakins, M.W.J., Planke, S., Kjøll, H.J., Millett, J.M., Jamtveit, B.](#)

[Identifisering av skredhendelser ved hjelp av stratigrafiske og sedimentologiske studier. Et hjelpemiddel i kvartærgeologisk kartlegging og for avgrensning av faresoner.](#) [Eilertsen, R.S., Sletten, K., Hermanns, R., Romundset, A., Rubensdotter, L.](#)

10:40

[Post-Eocene sandy systems in the northern North.](#) [Rundberg, Y., Bellwald, B., Planke, S., Myklebust, R.](#)

[Mantle density structure in the North Atlantic region from 3D inversion of satellite gravity gradient data.](#) [Minakov, A., Gaina, C.](#)

[Structural characterization of the Aurora prospect, a potential CO2 storage site in the northern North Sea.](#) [Holden, N., Osmond, J. L., Mulrooney, M. J., Sundal, A. & Skurtveit, E.](#)

[Norwegian seismicity in relationship to upper-mantle structure and atmospheric precipitation pattern.](#) [Maystrenko, Y.P., Broenner, M., Olesen, O., Saloranta, T.M., Slagstad, T.](#)

11:00

Coffee break

#### T2 Sedimentologi

#### T1 Berggrunn

#### T9 Co2 storage - (CCS)

#### T5 Geofarer

11:15

[Diachronous key stratigraphic surfaces in low-accommodation fluvio-deltaic settings: from the Dakota Group \(USA\) to the Cretaceous on Svalbard/Barents Sea.](#) [Van Yperen, A.E., Holbrook, J.M., Poyatos-Moré, M. & Midtkandal, I.](#)

[The Scandinavian crust and upper mantle – Insights from a new seismic shear wave model.](#) [Mauerberger, A., Maupin, V., Sadeghisorkhani, H., Gudmundsson, OI, Tilmann, F.](#)

[Fault Picking Strategies using Seismic Data, and the Effects on Fault Seal Analysis: A Case Study from the Horda Platform, with Implications for CO2 storage.](#) [Michie, E.A.H., Mulrooney, M. J. & Braathen, A.](#)

[Coastal changes 21st century – a geologist’s perspective.](#) [Helland-Hansen, W., Nyberg, B.](#)

11:35

[Late Carboniferous deposits in the Oslo Graben – a regional overview.](#) [Olausen, S., Larsen, B.T. & Dahlgren, S.](#)

[Bridge under troubled magma: Field observations from San Rafael Swell, Utah.](#) [Kjenes, M., Rotevatn, A., Schofield, N., Fide, C.H.](#)

[Mechanical parameters of synthetic Draupne gouge using Direct Shear Testing.](#) [Silva, D.C.A., Skurtveit, E., Soldal, M., & Suzuki, Y.](#)

[Large Scale Floods in Future Climate Worsen Disproportionally due to Sediment Transport Effect.](#) [Lund, L.F., Dam, G.](#)

11:55

[Late Palaeozoic syn-rift deposition at the margin of the Sørkapp-Hornsund High, Southern Spitsbergen.](#) [Dahlin, A., Olausen, S., Smyrak-Sikora, A., Senger, K., Stemmerik, L., Braathen, A.](#)

[Possible remnants of ancient weathering and landforms in Røysjømarka, south-eastern Norway.](#) [Riber, L., Hammer, E., Fossum, K. & Dypvik, H.](#)

[The potential for seismicity during slip of fractured Draupne shale – an experimental study in the direct shear box.](#) [Soldal, M., Skurtveit, E., Bohloli, B.](#)

12:15

Lunch med postersesjon

#### T2 Sedimentologi

#### T4 Klima

#### T9 Co2 storage - (CCS)

#### T5 Geofarer

13:45

[Slide model revisited: Giant collapse of Oligocene-lower Miocene strata in Northern North Sea and Møre Basin.](#) [Rundberg, Y., Nystuen, J.P., Bellwald, B., Planke, S., Rykkelid, E., Myklebust, R.](#)

[Instability versus adaptation of the pre-Viking society to the climate variability of the Late Antiquity in Eastern Norway.](#) [Bajard, M., Ballo, E., Bakke, J.3, Støren, E., Høeg, H., Loftsgarden, K., Iversen, F., Hagopian W., Jahren A.H., Svensen, H., Krüge](#)

[Top and lateral seal assessment for CCS in Dunlin Group sandstones within the Tusse fault block, Horda Platform.](#) [Osmond, J.L., Mulrooney, M.J., Skurtveit, E., Braathen, A.](#)

[Nationwide mapping of unstable rock slopes using the Norwegian Ground Motion Service \(InSAR.no\).](#) [Bredal, M., Dehls, J., Hermanns, R., Böhme, M., Penna, J., Nicolet, P., Noël, F., Pullarello, J., Larsen, Y., Grah, J., Marinkovic, P.](#)

14:05

[A Cambrian–Ordovician boundary section in the Rafnes–Herøya submarine tunnel, Skien–Langesund District, southern Norway.](#) [Rønning, K.J., Bruton, S.,](#)

[Constraining the climatic impacts of the NAIP magmatism with upcoming ICDP and IODP drilling.](#) [Jones, M.T., Stokke, E.W., Planke, S., Augland, L.E., Svensen, E.,](#)

[Analogue modelling of primary migration in shales using organic-rich and organic-poor layered gel.](#) [Johnson, J.R., Kobchenko, M., Mondol, N.H.,](#)

[The Reinbenkan coastal cliff and rock slope failures along the eastern shoreline of northernmost Porsangerfjorden.](#) [Noël, F., Hermanns, R.,](#)

[D.L., Harper, D.A.T., Høyberget, M., Maletz, J. & Nakrem, H.A.](#)

[H.H., Tegner, C., Sluijs, A., Frieling, J., Mather, T.m Husimans, R.](#)

[Renard, F.](#)

[R., Böhme, M., Penna, I., Eiken, T., Skrede, L., Morken, O.A., Nicolet, P.](#)

14:25 [Expanding fossil and trace fossil localities in central Norway. Solbakk, T., Smelror, M.](#)

14:45 Coffee break

T2 Sedimentologi

T4 Klima

T9 Co2 storage - (CCS)

T8 Mineral

15:00 [Dental Morphological Disparity among Marine Reptiles from the Early Triassic of Svalbard – When Life didn't Bite the Dust. Holm, T.B., Roberts, A.J., Engelschiön, V.S., Foffa, D., Hurum, J.H.](#)

[Refining key parameters for long-term carbon cycle models. Marcilly, C.M., Torsvik, T.H.](#)

[On CO2 monitoring techniques and the importance of collaborating during times of crisis. Zuchuat, V., Liberty, L., Petrie, E., Hafner, A., Arvesen, B., Alterskjær, C., Evans, J., Braathen, A., Skurtveit, E., and Ivar Midtkandal, I.](#)

[UNFC: Towards a harmonised inventory for European mineral resources. Aasly, K.A., Schiellerup, H., Heldal, T.](#)

15:20 [A large undescribed plesiosaur from Svalbard. Stokke, M.K., Hurum, J.H., Roberts, A.J., Engelschiön, V.S.](#)

[Plate Tectonics steers Climate Change. Gee, D.G.](#)

[Modelling channelized fluid flow with viscoplastic/ductile deformation in porous media. Wang, L.H., Yarushina, V., Podladchikov, Y.](#)

[Assessment of VMS deposits in the Central Scandinavian Caledonides, introducing the MAP Software. Bjerkgård, T., Sadeghi, M., Rasilainen, K. & the MAP Consortium](#)

15:40 [Global carbon isotope signal found in the Middle Triassic on Svalbard. Engelschiön, V., Hammer, Hurum, J., Mørk](#)

[Application of United Nations Framework Classification for Resources \(UNFC\) for industrial mineral projects - Case Studies from Finland/Estland, Sweden and Norway – Nordkalk limestone and Forsand sand and gravel mines. Blystad, P., Haukalid, R., Heiberg.](#)

16:00 End of day

16:10 Generalforsamling NGF

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