

Sesjon	Title	Authors
T1 - Mineraler for neste generasjon / Minerals for the next generation		
T1-01	Make value from waste rock!	Kvassnes, A.J.S., Clausen, J.A.
T1-02	Massive sulphide deposits and Fe-Mn crusts in the Norwegian Sea	Bering, D., Stenløkk, J., Sandstå, N.R., Brekke, H., Gilje, S.R., Bjørnstad, A.
T1-03	Establishing Cu isotopes as a tracer for seafloor ore formation using hydrothermal experiments	Wilborn, H., Reeves, E.P., Jamieson, J.W., Roerdink, D.L.
T1-04	Investigation of the Fe+Ti+REE+Zr+P Mineralization in the Raftsund Intrusion, Årsteinen, Lofoten-Vesterålen Archipelago, Northern Norway	Maute III, D., Hetherington, C.J., Coint, N.
T1-05	Structural control on the Fe-SEDEX mineralization of Kvannevean East, Dunderlandsdalen, Mo i Rana	Lie, F., Bergh, S.G., Palinkas, S., Lie, K.
T1-06	Environmental impact of stratiform Fe deposits: an on-land vs. sub-sea tailing simulation	Fagerheim, B., Palinkaš, S.S.
T1-07	Can cassiterite be orthorhombic or monoclinic? Examples from a Sn-bearing quartz-tourmaline rock in SW England	Drivenes, K., Sørensen, B.E., Brownscombe, W., Raanes, M.P., Seltmann, R., Spratt, J.
T1-08	Late-Svecofennian fold-thrust belt and oblique-slip structures on Vanna island, West Troms Basement Complex, and their relation to meta-sedimentary sequences	Paulsen, H.K., Bergh, S.G., Strmic Palinkas, S., Armitage, P.E.B., Karlsen, S., Kolsum, S., Rønningen, I.
T1-09	Geochemical characteristics of the Sulitjelma Cu-Zn VMS deposits, Northern Norway	Palinkas, S.S., Birkeland, A., Rajic, K., Neufeld, K.
T1-10	Petrogenesis of mafic pegmatites: Comparison of gabbro pegmatites and associated gabbros at the Hamn i Senja locality, Troms, Northern Norway	Heckmann, P., Rajic, K., Hansen, H., Palinkas, S.S., Forien, M., Bergh, S.
T2 - Geologi i grenseland /Geology and society		
T2-01	Hydrogeology for students and society: outreach integration in education	Sundal, A., French, H., Aagaard, P.
T2-02	Stories of Geological Heritage using Virtual and Augmented Reality Technology (VR / AR).	Motrøen, T., Gunnerud-Ahlen, B.
T2-03	FieldMove – the future of fieldwork teaching?	Peikli, I., Tunes, S., Gulbransen, E.
T2-04	From Realfagbygget to The bridge on the river Kwai experience from 5 years participation in the IESO (International Earth Science Olympiad) for high-schools	Kleiven, K.F., Sivertsen, J.E., Husås, A.M.
T2-05	Towards integrated Earth System Science education in Norway	Hestnes, A., & the iEarth consortium
T3 – Petroleum Geoscience		
T3-01	Shallow fluid flow at the Snøhvit hydrocarbon field in the SW Barents Sea using High-resolution 3D seismic study of pockmarks	Tasianasa, A., Bünz, S., Bellwald, B., Hammer, Ø., Planke, S., Lebedeva-Ivanova, N., Krassakis, P.
T3-02	Fault and fracture scaling and connectivity: a case study from the Devonian Orcadian Basin, North Scotland	Dichiarante, A.M., McCaffrey, K.J.W., Holdsworth, R.E., Bjørnå, T.I.
T3-03	A new structural and magmatic elements map of the mid-Norwegian margin	Gernigon, L., Zastrozhnov, D., Abdelmalak, M.M., Planke, S., Faleide, J.I., Myklebust, R.
T3-04	The mass-transport processes of petroleum in sedimentary basins	Michelsen, J.K., Khavari-Khorasani, G.
T3-05	The structure, flow properties and seismic imaging of fault zones in carbonate rocks; applications to Barents Sea carbonate plays	Rotevatn, A., Dimmen, V., Lecomte, I., Peacock, D., Bastesen, E., Nixon, C.
T3-06	Reservoir characterization of the Stø Formation (Realgrunnen Subgroup) in the Fingerdjupet Subbasin, NW Barents Sea	Borgenvik, J.H., Eide, C.H., Ahokas, J.M., Helland-Hansen, W.
T3-07	Modeling of isostatic response to deposition and erosion in the North Sea Basin	Baig, I., Faleide, J.I.
T3-08	Paleogene-Neogene folding and thrusting on Bjørnøya	Henningsen, T., Johannessen, E.P., Bergø, E., Brønner, M., Gellein, J., Aronsen, H.A.
T3-09	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.
T3-10	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.,
T3-11	Reviewing the Cenozoic Net Erosion of the Norwegian Barents Sea Shelf	Lasabuda, A., Laberg, J.S., Knutsen, S.M., Rydningen, T.A.
T4 - Kvartærgeologi /Quaternary geology		
T4-01	Trenching across the Stuarogurra Fault at Masi, northern Norway	Olsen, L., Olesen, O., Dehls, J., Romundset, A.
T4-02	Bedrock lineament and landscape mapping using high-resolution topography data at the Sunnmøre coast	Krohn-Nydal, A.O., Margreth, A., Nixon, C.
T4-03	Temperature and salinity reconstructions using carbonate clumped isotope thermometry in modern bivalve shells	Caldarescu, D.E., Meckler, A.N., Andersson, C., Sadatzki, H.
T4-04	Late glacial ice-sheet history at Værlandet island, northwest of Sognefjorden	Støfring, E.A., Linge, H., Svendsen, J.I.
T4-05	Radar structure of an ancient shoreline landslide in glaciomarine clay deposits, Orkdalen fjord-valley, mid Norway	Hansen, L., Tassis, G., Gislefoss, L.
T4-06	Quaternary geochronology of the North Sea-preliminary results from Troll and Fladen region	Chauhan, T., Sejrup, H.P., Hjelstuen, B.O.
T4-07	Last glacial tephra markers recorded in the North Atlantic and the Nordic Seas	Rutledal, S., Berben, S.M.P., Jansen, E., Dokken, T.M.
T4-08	New methods for temperature reconstructions – Are they applicable in caves from South Africa?	Brekken, T., Lauritzen, S.E., Meckler, N., Krüger, Y.
T4-09	Distribution and spatial statistics of pockmarks in Quaternary sediments above the Smeaheia CO ₂ storage area	Leon, E.H., Osmond, J.L., Mulrooney, M.J., Braathen, A.
T5 - Hydrogeologi /Hydrogeology		
T5-01	Hydrogeological fracture model Of Åknes rock slide	Bruun, H.R., Ringstad, S.R., Sena, C., Braathen, A., Mulrooney, M., Pless, G.
T5-02	Kartlegging av vannkjemi, vannføring og fysiske forhold som årsakssammenheng for episoder av fiskedød i elven Risa	Almhjell, D.D., Frogner, I.A., Pedersen, H.B., Haaland, S.L., French, H.K.
T5-03	The Grindalsmoen aquifer – groundwater flow simulations and protection zone considerations	Papadimitrakis, I., Oppistov, T.G., Aagaard, P., Sena, C., Sundal, A., French, H.K.
T5-04	Noble Gas Release during Reservoir Stimulation	Weber, U.W., Roques, C., Kipfer, R., Dutler, N., Krietsch, H., Jalali, R., Gischig, V., Doetsch, J., Valley, B., Amann, F.

Sesjon	Title	Authors
T6 - Berggrunnsgeologi og geodynamikk / Bedrock geology and geodynamics		
T6-01	Tectono-stratigraphic evolution of the Forlandsundet Graben – new insights from Sarsøyra, Western Svalbard, Arctic Norway	Schaaf, N.W., Osmundsen, P.T., van der Lelij, R., Lenz, O., Senger, K.
T6-02	Svecofennian tectonomagmatic evolution at the SW margin of Fennoscandia; central West Troms Basement Complex, Troms, Norway	Nymoen, K.G., Sørensen, B.E., Slagstad, T., Coint, N.
T6-03	The structural elements of Heggholmen and Gressholmen: different styles and scales of deformation in the Cambro-Silurian succession in the Oslo area	Nipen, H., Pottier, I.A., Thoresen, L.S.
T6-04	Ferromonzodiorites from Lofoten-Vesterålen and potential implications for AMCG (Anorthosite-Mangerite-Charnockite-Granite) magmatism	Braue, R., Hetherington, C.J., Coint, N., Barnes, C.G.
T6-05	A Telychian rift basin in front of the Caledonian Orogen in the Siljan district of South-Central Sweden	Michelsen, J.K., Khavari-Khorasani, G., Salehy, J.
T6-06	40 years of low-temperature thermochronology in Fennoscandia – where were we then, where are we now, and where are we going?	Giese, J., Ksienzyk, A.K., Redfield, T.F., Ganerød, M., Hendriks, B.W.H., Jacobs, J.
T6-07	A metasomatic origin for the low-velocity zone in the lithospheric mantle beneath western Norway?	Grant, T., Slagstad, T., Skår, Ø.
T6-08	Unravelling the timescales and conditions of clay forming processes with X-Ray diffraction and K-Ar analysis	Schönenberger, J., van der Lelij, R., Xie, R., Schaaf, N., Osmundsen, P.T.
T6-09	Barents Sea stress pattern and a possible Eureka suture SE of Spitsbergen explaining the kink in the Lomonosov Ridge	Dahlgren, T.
T6-10	High-grade metamorphic and magmatic evolution near Mandal, Vest-Agder; a key area for elucidating Sveconorwegian orogenesis	Møkkelgjerd S.H.H., Slagstad T., Sørensen B.E., Granseth A.U.
T6-11	The importance of early generation dykes in the Upper Layered Series of the Reinfjord Ultramafic Complex in understanding the intrusive history of the Central Series replacive dunites	Sakariassen, J., Sørensen, B.E., Larsen, R.B., Drivenes, K.
T7 - Geologisk–teknologisk grensesnitt / Geological–technological interface		
T7-01	Engineering parameters of Draupne Shale – Fracture characterization and integration with mechanical data	Smith, H., Boholi, B., Skurtveit, E., Mondol, N.H.
T7-02	RePlug® - a novel material with eternal cementing in mind	Clausen, J.A., Kvassnes, A.J.S.
T8 - Sedimentologi-stratigrافي og klima /Sedimentology–Stratigraphy and Climate		
T8-01	Use of elemental proxies to determine palaeodepositional conditions of Permian organic-carbon-rich intervals in the Helgeland Basin	Kiswaka, E.B., Felix, M., Næss, A.
T8-02	Facies Analysis of the uppermost Devonian to Lower Carboniferous Billefjorden Group of Central Spitsbergen, Svalbard	Würtzen, C.L., Stemmerik, L., Olaussen, S.
T8-03	Climatically Influenced Progradation of a Deep-Water Turbidite Fan, Late Pliocene Syn-Rift Succession, Corinth Rift, Greece	Eliassen, G.T., Gawthorpe, R.L., Muravchik, M., Henstra, G.A., Kranis, H., Skourtsos, E.
T8-04	Palaeontology of the Middle Triassic dysoxic succession of the Botneheia Fm., Svalbard	Engelschiøn, V.S., Bernhardsen, S., Wesenlund, F., Hammer, Ø., Hurum, J.H., Mørk, A.
T8-05	NPDs field expedition to Edgeøya, Svalbard	Johansen, S.K., Røstad, J.J., Frantzen, A., Lundschieen, B.A.
T8-06	Elemental and Sedimentological Analysis of the Norwegian shelf during the Upper Jurassic	Fadipe, J., Felix, M.
T8-07	Provenance of Lower Mesozoic conglomerate deposits in the Slørebotn Sub-basin off Møre, and implications for dating basement exhumation.	Mørk, M. B. E.
T8-08 Karst	Structural control on cave geometry, a case study from Aspfjordsgrotta, Fauske, North Norway.	Thorvik, M., Pennos, C., Lauritzen, S.E.
T8-09 Karst	Monitoring earthquake induced CO ₂ emissions within a fault-controlled cave	Pennos, C., Christaras, D., Gkarlaouni, C., Jensen, K., Sotiriadis, Y.
T8-10 Karst	Minerals and fine-grained sediments: Studies from the Reingardslia cave system, Mo i Rana, Northern Norway.	Gabrielsen, I.M., Kilhavn, H., Skoglund, R.Ø., Lauritzen, S.-E.
T8-11 Karst	Cave and Karst Database	Knežević, J., Heldal, T., Lauritzen, S.E., Haukdal, I.
T8-12 Karst	Paleokarst reservoir modelling based on recent cave system analogs	Lønøy B, Pennos, C., Tveranger, J., Lauritzen, S.E., Furnée, J.P., Ledsaak, K.
T8-13 Karst	Trace element distribution in speleothems, examples from South Africa and Norway	Rokkan, H.A., Hafliðasson, H., Lauritzen, S.E.
T9 - Geofarer / Geohazards		
T9-01	The subglacial topography of Sörfonna (Folgefonna), western Norway - first glimpse below the icecap!	Johansson, F.E., Bakke, J., Støren, E.N., Gillespie, M.K.
T9-02	The influence of structural discontinuities on the stability of the Åknes rockslide	Ringstad, S.R., Bruun, H., Sena, C., Braathen, A., Mulrooney M., Pless, G.
T9-03	Dropout Dolines and Infrastructures – risk assessment maps	Kjønsvøy, R.A., Heldal, T., Lauritzen, S.E.
T9-04	Neotectonic map of Norway and adjacent areas	Keiding, M., Olesen, O., Dehls, J.
T9-05	Kartlegging av sen-holosene skredprosesser i Fjærlandsfjorden basert på marine data	Klette, A.K., Hafliðason, H., Nesje, A., Eide, C.H., Thuesen, T.