

Vinterkonferansen 2017 - Programme

Wednesday, January 11

Room: Helsingfors			Room: København			Room: Stockholm		Room: Oslo	
T2: Petroleum geoscience			T5: Paleontology & evolution			Workshop - Machine Learning geoscience data		T10: Bedrock geology & geodynamics Structural geology	
Chair: Ebbe Hartz			Chair: Hans Arne Nakrem			Chair: ESA		Chair: Guri V. Ganerød	
Time	Title	Authors	Title	Authors	Title	Authors	Title	Authors	
09:00	Analysing the deformation width of transtensional rifted margins	Ludovic Jeannot and S.Buite	<b>Key Note: Linking Volcanism and Gas Release from the North East Atlantic Volcanic Province to the PETM: Challenges and Updates</b>	Henrik Svensen	* Introduction ML (15 min. ESA/NGI) * Intro exercise (10 min ESA)	ESA/NGI	Oblique Caledonian continental collision interpreted from aeromagnetic data in Scandinavia	Olesen, O., Bjørlykke, A., Brønner, M., Dumais, M.A., Gernigon, L., Lutro, O., Maystrenko, Y., Nasuti, A., Slagstad, T. & Solli, A	
09:20	Experimental mechanical compaction of reconstituted mudrocks from the SW Barents Sea: implication for exhumation estimation	Mohammad Nooraiepour, Nazmul Haque Mondol	Death and survival in the Early Triassic – Svalbard revisited	Jørn H. Hurum et al	* Exercise: Classification of sedimentary facies from well logs based on learning from core descriptions		Caledonian shortening of the Precambrian basement in Southern Norway and the primary position of the Hedmark Basin.	Arne Bjørlykke and Odleiv Olesen	
09:40	Modeling Hydrothermal Venting in Volcanic Sedimentary Basins: Impact on Hydrocarbon Maturation and Paleogeothermometry	Daniel W. Schmid, Karthik Iyer, Sverre Planke and John Millett	A new palynostratigraphic framework for the Mississippian successions of the Barents Sea, Norway – The Finnmark Platform	Gilda Lopes, Gunn Mangerud & Geoff Clayton	From ESA: Eirik Larsen, Behzad Alaei, Dimitrios Oikonomou		Sulfur partitioning between clinopyroxene and basaltic melts: using clinopyroxenes as probes for volatiles budget in magmas from the past.	Sara Callegaro, D.R.Baker, A.Marzoli, M. Whitehouse, A.De Min, H.H. Svensen	
10:00	Mechanisms of overburden deformation associated with the emplacement of the Tulipan sill, mid-Norwegian margin	Tobias Schmiedel, Sigurd Kjøberg, Sverre Planke, Craig Magee, Olivier Galland, Nick Schofield, & Christopher A-L Jackson	Foraminiferal stratigraphy of a deep basin to prodelta sequence: the Rurikfjellet Formation (Ryazanian-Hauterivian) of Spitsbergen	Nagy, J. & Naoroz, M.S.			The tectonomagmatic evolution of the eastern Øygarden Complex, Bergen, SW Norway	Johannes D. Wiest, J. Jacobs, A. K. Ksienzyk, H.Fossen	
10:20	Igneous seismic geomorphology of buried lava fields and coastal escarpments on the Vøring volcanic rifted margin	Sverre Planke, John M. Millett, Dwarika Maharjan, Dougal A. Jerram, Mohamed Mansour Abdelmalak, Audun Groth, Jasper Hoffmann, Christian Berndt & Reidun Myklebust	Correlation and provincialism among Late Triassic (Norian) low and high latitude plant assemblages: an example from the Chinle Formation (Petrified Forest National Park, Arizona, USA)	Viktória Baranyi, Tammo Reichgelt, Paulo E. Olsen, William G. Parker & Wolfram M. Kürschner			Geometry of dyke swarms controlled by brittle failure patterns	Alexander Minakov, V. Yarushina	
10:40	Coffee break								
			T5: Paleontology & evolution			Workshop - Machine Learning geoscience data		T10: Bedrock geology & geodynamics Onshore-offshore / uplift & landscape	
			Chair: Jørn H. Hurum			Chair: NGI		Chair: Odleiv Olesen	
11:00			An improved palynostratigraphy for the Upper Triassic succession of the Norwegian Arctic	Mangerud, G., Paterson, N.W.	* Intro exercise (10 min NGI) * Exercise: Automated depth to bedrock interpretation from geophysical data	NGI/ESA	Insights in the basement characteristic and structural settings of Bjørnøya, derived from the first geophysical campaign on the island	M. Brønner, J. Gellein, T. Henningsen, T. Forthun, S.-A. Grundvåg, E.P. Johannessen, G.Ø. Knag, J.B. Koehl and O. Thiesen	
11:20			Evolutionary transitions: examples from the Ediacaran and Cambrian of the Digermulen Peninsula, Arctic Norway	Högström, A., Ebbestad, J.O., Jensen, S., Palacios, T., Taylor, W., Meinhold, G., Høyberget, M. and Agić, H.	* Wrap up (10 min ESA/NGI)		Large ultramafic complexes and metamorphic processes from the Seiland Igneous Province to the Veslemøy High, Barents Sea	Christine Fichler, Z.Pastore and S.A. McEnroe	
11:40			Fossil seep carbonates (Late Jurassic – Late Paleocene) of the greater Barents Shelf area.	Nakrem, H.A., Hryniewicz, K., Hammer, Ø., Little, C.T.S. & Kaim, A.	From NGI: Malte Vøge, Asgeir Olaf Kydland Lysdahl, Zhongqiang Liu		A model of the tectonic evolution of the Loppa High from late Paleozoic to present-day	Sébastien Gac, K.Indrevær, R.H. Gabrielsen & J.I.Faleide	
12:00							Najd Fault System: the largest pre-Mesozoic shear zone on Earth	Abu-Alam T.S.	
12:20							Breakup-related igneous rocks on the mid-Norwegian margin	M.M. Abdelmalak, S. Planke and J.I. Faleide	
12:40							How does glacial isostatic adjustment influence the stress field in Fennoscandia?	Marie Keiding, S.Gradmann & O.Olesen	
13:00	Lunch								
14:00	End of conference and poster down								