

Monday - January 11

Registration												
10.00												
Welcome												
10.10												
Geir Hestmark: "Jens Esmark's Paths to the Ice Age"												
10.40												
Trond Torsvik: "A journey from the centre of the Earth"												
11.10												
Øystein Hov: "What IPY meant to the geoscientific research in the Nordic Countries"												
11.40												
Lunch												
Helsingfors			København			Stockholm			Telemark			
ID1: Fluid Processes			EG1: Anorogenic and rift-related magmatism and volcanism			EBCE4: International Polar Year - New geoscientific results			EG9: Volcanic rifted margins - what have been learned the last 25 years?			
12.40	ID1-01 Keynote	Stress generation and hierarchical fracturing in reactive rocks	Bjørn Jamtveit, Håkon Austrheim, and Anders Malthes-Sorensen	EG1-01 Keynote	Multistage evolution of magmas in the Karoo Large Igneous Provinces	Neumann, E.-R., Svensen, H.1, Galerme, C.Y. and Planke, S.	EBCE4-01 Keynote	The IPY North Greenland Eemian Ice Drilling Project - NEEM	Anders Svensson	EG9-01	Session Introduction: The Exploration of NE Atlantic Volcanic Rifted Margins	Skogseid, J., Tegner, C., Planke, S., and Faleide, J.I.,
13.00										EG9-02	The Norwegian volcanic margin revisited	A. J. Breivik, J. I. Faleide & R. Mjelde
13.20	ID1-02	The effect of sulphate on CO2 sequestration in basalt	Therese K. Flaathen, Eric H. Oelkers and Sigurður R. Gislason	EG1-02	Björnntutane and Sembberget flood basalts and the geochemical provinciality of Jurassic magmatism in western Dronning Maud Land, Antarctica	Arto Luttinen, Phil Leat, Harald Furnes	EBCE4-02	GLACIODYN – The dynamic response of Arctic glaciers to global warming	Jon Ove Hagen, Thorben Dunse, Trond Eiken, Jack Kohler, Geir Moholdt, Chris Nuth, Thomas V. Schuler and Monica Sund	EG9-03	Volcanic Rifted Margins in the North Atlantic: Causes and Implications	Sverre Planke, Henrik Svensen, Reidun Myklebust, and Ellen Planke
13.40	ID1-03	Quartz deformation and the influence of H ₂ O rich fluid inclusions	Thust Anja, Heilbronner Renee, Stuenitz Holger, Tarantola Alexandre & Harald Behrens	EG1-03	Geochronology of Karoo-related mafic intrusive rocks from Vestfjella, Dronning Maud Land, Antarctica	Matti Kurhila, Arto Luttinen, Saku Vuori, Jussi Heinonen	EBCE4-03	Late Quaternary fluctuations of glacial environments around Murchisonfjorden, Nordaustlandet, Svalbard - a contribution to IPY Kinnvika	Veli-Pekka Salonen, Kari O. Eskola, Anu Kaakinen, Frauke Kubischta, Seija Kultti, Kati Laakso, Tomi Luoto, Mateusz Moskalik, Markku J. Oinonen & Antti E. Ojala	EG9-04	Volcanic structure on the conjugate Mid-Norway - NE Greenland margins	Mikal Trulsvik, Sverre Planke, Reidun Myklebust, Jan Inge Faleide
14.00	ID1-04	Understanding the mechanical coupling between magma emplacement and the resulting deformation: the example of saucer-shaped sills	Olivier Galland, Else-Ragnhild Neumann, Sverre Planke	EG1-04	Recent studies on Vestfjella ultrapotassic dyke swarm, western Dronning Maud Land, Antarctica	Ilona Romu, Arto Luttinen, Matti Kurhila, Hugh O'Brien and Joachim Jacobs	EBCE4-04	The Ice Age Development and Human Settlement in Northern Eurasia (ICEHUS) – what have we found in Northern Russia?	John Inge Svendsen, Valery Astakhov, Richard Gyllencreutz, Herbjørn Heggen, Mona Henriksen, Øystein S. Lohne, Jan Mangerud, and Dmitry Nazarov and Pavel Pavlov .	EG9-05	Observational constraints and models for conjugate North Atlantic volcanic rifted margins formation	Ritske S. Huisman, Jan Inge Faleide, Sverre Planke
14.20	ID1-05	Large scale fluid generation through contact metamorphism of shales in a volcanic basin	I. Aarnes, H. Svensen, S. Polteau, J. A. D. Connolly, Y. Y. Podladchikov	EG1-05	Eruption history and structural studies of inflating lava flows, Krafla region, N Iceland	Dyhr, C.T.1,3, Höskuldsson, A.2 & Holm, P.M.3	EBCE4-05	Sedimentological evidences for damming and drainage of large proglacial lakes, NW Russia	Astrid Lyså, Maria, A. Jensen, Eiliv Larsen, Igor N. Demidov, Ola Fredin and Aurelien van Welden	EG9-06	Long-term effects of extensional faulting on the topography of passive margins	Per Terje Osmundsen, Thomas F. Redfield & Jørg Ebbing
14.40	Break: Poster session and refreshments											
15.20	ID1-06	The temperature history of a hydrothermal vent complex in the Vøring Basin, offshore Norway	J.C.Vrijmoed, H. Svensen, I. Aarnes, and S. Planke	EG1-06	Textural studies of juvenile pyroclasts from the Capelas tuff cone (Azores): Insights into magma ascent and fragmentation during an emergent, Surtseyan-type, volcanic eruption	Hannes B. Mattsson	EBCE4-06	The Thermal State of Permafrost in Svalbard and Norway during IPY 2007-2009	Christiansen, H.H., Etzelmüller, B., Farbro, H., Juliusen, H., Isaksen, K., Rønning, J.S., Berthling, I., Humlum, O., Instanes, A. ⁶ , Blikra, L.H., Elberling, B.	EG9-07	New insights on the timing of Tertiary rift-related magmatism in East Greenland: implications for plume models and the early spreading history of the NE Atlantic	Michael Storey, Daniel Condon, Ole Stecher and Niels Hald
15.40	ID1-07	The Fe-isotope architecture and iron source in phreatomagmatic pipes in the Tunguska Basin, eastern Siberia	Timm John, Henrik Svensen, Stefan Weyer, Alexander Polozov, Sverre Planke	EG1-07	Palaeozoic felsic volcanism in the Orcadian Basin, Orkney	A. M. Lundmark, R. H. Gabrielsen, J. Flett Brown, S. Ohm	EBCE4-07	Modelling of permafrost and seasonal frost in Norway and Iceland – strategies and examples	Etzelmüller, B.; Christiansen, H.H.; Schuler, T.V., Farbro, H.; Isaksen, K.; Ødegård, R.S., Skaugen, T.; Humlum, O.	EG9-08	Structure and emplacement of the Traill Ø and Horsedalen sill in Mesozoic basins, Northeast Greenland	Jakob Kløve Jakobsen, Sverre Planke, Jakob Skogseid and Per Gissel Gisselø
16.00	ID1-08	Point pattern analysis of breccia pipes in the Karoo Basin, South Africa, and the implications for pipe formation and contact metamorphic degassing	Henrik Svensen and Øyvind Hammer	EG1-08	The post-collisional Feirani-Rutig volcano-sedimentary sequences of the northernmost Arabian-Nubian Shield: new insights from SIMS zircon U-Pb dating of igneous and detrital components	Be'eri-Shlevin, Y., Samuel, M.D., Azer, M.K., Whitehouse, M.J., Moussa, H.E. ² , Rämö, T.	EBCE4-08	Near-surface ground temperature measurements in Northern Norway during the IPY	Farbro, H.; Etzelmüller, B.; Isaksen, K.; Christiansen, H.H.	EG9-09	Weathered tephras from Paleogene volcanic rifted margins in the North Atlantic monitor global paleoclimate trends and aberrations	Morten S. Riisshuus, Dennis K. Bird
16.20	ID1-09	Erosion and pore pressure reduction in the south-western Barents Sea	Fridtjof Riis	EG1-09	Mineral and host rock chemistry of south Norwegian pegmatites: implications for pegmatite genesis	Axel Müller, Peter M. Ihlen, John Spratt, Reimar Seltmann	EBCE4-09	The Dynamic Continental Margin Between the Mid-Atlantic-Ridge System (Mohns Ridge, Knipovich Ridge) and the Bear Island Region	J. Schweitzer, R. Mjelde, F. Krüger, A. Guterch, M. Schmidt-Aursch, M. Grad, J.I. Faleide and the IPY Project Consortium	EG9-10	Release of volatiles during East Greenland flood basalt volcanism	Adam J.R. Kent and Christian Tegner
16.40	ID1-10	"Unit Pockmarks" – the most recent micro-seep sites	Martin Hovland	EG1-10	Intrusion mechanisms and magnetic fabric investigation on rapakivi granites in Finland	Fredrik Karell	EBCE4-10	Seismicity in the broader area of the western Barents Sea continental margin as seen within the IPY	Myrto Piri, Johannes Schweitzer, Berit Paulsen, Tormod Kværna and the IPY Consortium	EG9-11	Conjugate margin studies in the South Atlantic	Blaich, O.A., Faleide, J.I., Tsikalas, F.
17.00	ID1-11	Asteroid impacts into deep and shallow water	Galen R. Gislser, Robert P. Weaver, Michael Gittings	EG1-11	Supracrustal rocks associated with the Wiborg rapakivi granite batholith, southeastern Finland and vicinity	O.T. Rämö, I. Mänttär, S. Harju, A.V. Luttinen, J. Kohonen, A.P. Heinonen	EBCE4-11	Dense water formation in Polar Regions and its impact on the global ocean circulation. Some results from the IPY project BIAC	Svein Østerhus and Tor Gammelsrød	EG9-12	Njörður Central volcano, first direct evidence of shallow magma chambers on the Reykjanes Ridge	Ármann Höskuldsson, Richard Hey, Fernando Martinez and Ásdís Benediktssdóttir
17.20							EBCE4-12	SciencePub – a learning experience from a project footed on science and public outreach	Larsen, Eiliv & Løve, Gudmund	EG9-13	Chronology of magmatism and Eureka deformation in the High-Arctic Large Igneous Province: ⁴⁰ Ar- ³⁹ Ar age of the Kap Washington Volcanics, North Greenland	C. Tegner, P. M. Holm, M. Storey, X. Zhao, M. F. Knudsen, S. B. Thorarinnsson, C.-H. Lo
17.40							EBCE4-13	Journey to the iceage: Kids communicating arctic geology to kids	Hartz, E.H.			
18.00	Darwin exhibition at the museum (Tøyen)											
19.00	Icebreaker "a night at the museum" (Geological Museum, Tøyen)											