

ECORD Summer School 2009 / Participants Presentations

Wednesday, Sep 02

09:00	09:15	Nicole Schroth	How to build an AVR - a case study of the Mid-Atlantic Ridge at 45° N
09:15	09:30	Suzanne Picazo	Mantle deformation at slow-spreading ridges and OCTs : a comparison
09:30	09:45	Kay Achenbach	Testing models of mantle upwelling and tectonic exhumation: crystal lattice-preferred orientation in the ODP Leg 209 peridotites (15°39'N, Mid-Atlantic Ridge)
09:45	10:00	Asta Rut Hjartardottir	The Northern Volcanic Rift Zone of Iceland - Mapping of fractures and fissures within a subaerial part of the Mid-Atlantic Plate Boundary
10:00	10:15	Gaëlle Plissart	Listvenitic schists of the Danubian ophiolite (Romania, Serbia, Bulgaria): syn-oceanic development along a detachment fault or obduction-related formation?
10:15	10:30	Taichi Sato	Surface geophysical survey at Southwest Indian Ridge at 34-40°E, implication for hotspot-ridge interaction
10:30	10:45	Edith Korger	The 1999 earthquake swarm at Gakkel Ridge, Arctic Ocean: A challenge to relocation and a window into ultraslow geodynamic processes
10:45	11:00	Marie Violay	The Brittle Ductile Transition In Experimentally Deformed Basalt Under Oceanic Crust Conditions: Evidence For Presence Of Permeable Reservoirs At Supercritical Temperatures And Pressures In The Icelandic Crust.

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16:00	16:15	Benedicte Abily	Preliminary results on Bahla massif (Oman ophiolite): Similarities with Oceanic Core Complexes
16:15	16:30	Catherine Evrard	Mineralogical study of ultramafic and basaltic hosted sulfide deposits from hydrothermal fields on the Mid-Atlantic Ridge between 13° and 17°N: Ashadze, Logatchev, Krasnov and Semyonov
16:30	16:45	Kathrin Faak	Kinetic modelling to determine the cooling history of lower oceanic crust
16:45	17:00	Dominik Niedermeier	The eastern manus basin -geochemical and petrological features of island arc and back-arc magmatism
17:00	17:15	Alessio Sanpillo	The oceanic basement of the Ligure-Piemontese Basin: clues from Northern Corsica and Internal Liguride ophiolites
17:15	17:30	Emanuele Paganelli	Multi-stage impregnation of the lithospheric mantle at the Andrew Bain FZ (SWIR)
17:30	17:45	Ben Winpenny	Melt mixing and crystallisation in the Icelandic lower crust - evidence from clinopyroxene and plagioclase phenocrysts

Thursday, Sep 03

16:00	16:15	Antje Vossmeier	Pressure and Temperature Regulation of Sulfate Reduction in Deep Sea Sediments
16:15	16:30	Aude Picard	Effects of high pressure on microbial metabolism: implications for the deep biosphere
16:30	16:45	Casey Brant	Lithium and its isotopes as tracers of high- and low-temperature alteration in marine hydrothermal systems
16:45	17:00	Michael Hentscher	Energetics of catabolic reactions in diffuse hydrothermal fluids- clues to seafloor microbial metabolism
17:00	17:15	Svenja Rausch	Carbonate veins as recorder of seawater-crust interaction
17:15	17:30	Liping Shu	Fluid-Rock interaction in the TAG hydrothermal system at the Mid-Atlantic Ridge 26 °N

Friday, Sep 04

13:30	13:45	Arne Døssing	Extensional and Compressional Flexure across the Greenland FZ in the Norwegian-Greenland Sea: Effect of a growing spreading center?
13:45	14:00	Michelle Harris	An integrated study of hydrothermal alteration and cooling rates at ODP Site 1256"
14:00	14:15	Sonja Theissen	Modelling crustal accretion and hydrothermal circulation at mid-ocean ridges
14:15	14:30	Teddy Castelain	Hydrothermal alteration through gabbro from IODP hole 1309D - Atlantis Massif: Strontium and oxygen isotopes.
14:30	14:45	Elliot Hildner	Geothermobarometric and fluid inclusion data of historic lavas of Fogo Volcano, Cape Verde Islands
14:45	15:00	Fabio Garzetti	Structure and U-Pb geochronology of zircons from Ligurian ophiolites (Northern Apennine, Italy)
15:00	15:15	Aurélia Colin	A study of magma degassing at mid oceanic ridges by bubble-by-bubble analyses
15:15	15:30	Isobel Yeo	Axial Volcanism on the Mid-Atlantic Ridge, 45°N