

Program

27 September 2010

08:30 – Opening session

09:00 – Modelling in the past, present and future – P. Cobbold (University Rennes)

09:30 – Recent advances in computational geodynamics – B. Kaus (ETH-Zürich)

10:00 – Analytical Modelling – R. Fletcher (PGP-Oslo)

10:30 – Rock Rheology – B. Evans (MIT)

COFFEE BREAK

11:30 – Lithosphere behaviour – Y. Podladchikov (PGP-Oslo)

12:00 – Oceanic lithosphere and continental margins – T. Watts (University Oxford)

12:30 – Hydrocarbon and Mineral Exploration – W. Sassi (IFP, Paris)

POSTER SESSION

Mid-afternoon talks

16:00 – Continuum damage mechanics of geo-materials at high temperature – Ali Karrech (CSIRO, Australia)

16:30 – subduction initiation at passive margins – Ksenya Nikolaeva (ETH-Zurich)

POSTER SESSION

28 September 2010

09:00 – Continental lithosphere and orogeny – S. Schmalholz – (University Lausanne)

09:30 – Subduction and plate tectonics – T. Gerya (ETH-Zürich)

10:00 – Mantle Dynamics – S. Zhong (University Colorado)

10:30 – From rifts to Thrust Systems – Evgueni Burov (University Pierre et Marie Curie, Paris)

COFFEE BREAK

11:30 – Lithosphere extension and Sedimentary Basins – Ritske Huisman (University Bergen)

12:00 – Surface Processes and Large Scale Tectonics – Frederic Herman (ETH-Zürich)

12:30 – Small scale structures – Marcin Dabrowsky (PGP-Oslo)

POSTER SESSION

Mid-afternoon talks

16:00 – Net rotation of the lithosphere induced by slabs, plate geometry, and keels – Mélanie G erault (University of Southern California)

16:30 – Salt tectonics in a tank – Nicolas Sellier (University of Lilles)

POSTER SESSION

29 September 2010

09:00 – Natural Hazards – Helene Hebert (CEA, Paris)

09:30 – Fluids and rock deformation – Regis Mourgues (University Le Mans)

10:00 – Methods, techniques, materials and benchmarking – Susan Buiter (Geological Survey of Norway)

10:30 – Brittle failure – Teng-fong Wong (Stony Brook, New York)

COFFEE BREAK

11:30 – Fracturing of porous materials – Karen Mair (PGP-Oslo)

12:00 – Salt tectonics – Markus Albertz (ExxonMobil)

12:30 – Exhumation using low-temperature geochronology – Todd Ehlers (University Tuebingen)

POSTER SESSION

Mid-afternoon talks

16:00 – Comparing thin-sheet with fully 3D models for the India-Asia collision – Sarah Lechmann (ETH-Zurich)

16:30 – Continental rifting and upper mantle strength – Kenni Petersen (Aarhus University)

POSTER SESSION