Posters to be displayed at 'New Views of the Earth's Interior'

First principles calculations on the effect of silicon on the stability of different iron phases in the Earth's inner core
Alexander S. Côté, Lidunka Vočadlo, Dario Alfè and John P. Brodholt

Thermally Driven Mantle Plumes Reconcile Multiple Hot-spot Observations
D. Rhodri Davies, J. Huw Davies

Observations of the mantle transition zone beneath the British Isles
Matt Davis, Nicky White, Arwen Deuss

P'P' precursor investigations of the mantle transition zone
E.A. Day, Dr. A. Deuss, Prof. S.A.T. Redfern

Thermochemical interpretation of one-dimensional seismic reference models for the mantle: evidence for bias due to heterogeneity
Laura J. Cobden, Saskia Goes, Fabio Cammarano, James Connolly

High-quality archaeomagnetic measurements indicate rapidly declining geomagnetic field strength for the last 400 years
Neil Suttie, Richard Holme, Mimi Hill, John Shaw and Paul Linford

Hemispherical variation in inner core anisotropy
Jessica Irving, Arwen Deuss and John Woodhouse

A review on experimental fractionation of carbon isotopes at high P and high T during diamond growth. Implications for the Earth's geodynamic carbon cycle
Sami Mikhail and Adrian Jones

The role of the Earth energy in lithogenesis
E. Myryzhuk and K. Derevska

Mantle heterogeneities beneath south-western part of the Eastern-European platform
Ludmila Shumlyanska

Attenuation structure in the inner core using seismic free oscillations
Steven Squires, Arwen Deuss

New constraints on thermal state and composition of the Earth's lower mantle from joint inversion of electromagnetic impedances and seismic data
O.Verhoeven, A.Mocquet, P. Vacher, A. Rivoldini, M. Menvielle, P-A. Arrial, G. Choblet, P. Tarits, V. Dehant and T. Van Hoolst

Exploring Attenuation in the Inner Core Using Exotic Core Phases
Lauren Waszek and Arwen Deuss

Transient Layering in Earth's Mantle: Upper Mantle Thermal Events
Martin Wolstencroft and J Huw Davies