

Poster Sessions – Wednesday 8th May

1	Joshua Muir (Leeds)	Mg Diffusion in Wet Olivine: Anisotropic and Fast!
2	Henry Brett (Utrecht)	Inner core anisotropy measured using new ultra-polar PKIKP arrivals
3	Jamie Ward (Leeds)	Resolving Sharp Velocity Boundaries Beneath Africa using Wavefield Effects of Multipathing and Refraction
4	Annemijn van Stiphout (Utrecht)	A study of the topography of the mantle seismic discontinuities beneath the Alaskan subduction zone using receiver functions
5	Colin Hardy (Leeds)	Constraints on Earth's magnetic field within a stratified layer
6	Chris Gregson (Bristol)	Experimental and ab initio study of water in CaSiO ₃ walstromite
7	Rob Spaargaren (ETH Zurich)	Linking the coupled interior-atmosphere evolution with the bulk composition of terrestrial planets
8	Zhi Li (Cambridge)	High-frequency Sdiff Observation on Hawaii ULVZ
9	Simon Schneider (Utrecht)	New normal mode constraints to mantle anisotropy
10	Felix Bissig (ETH Zurich)	Inverting for thermo-chemical structure of the mantle using P-to-S and S-to-P converted waves
11	Ashim Rijal (Utrecht)	Inferring equations of state of the Lower Mantle minerals using Artificial Neural Networks (ANNs).
12	James Panton (Cardiff)	Using 3D mantle convection models to reconcile the Pb pseudo-isochron
13	J Michael Grappone (Liverpool)	Improving estimates of Earth's paleomagnetic field intensity during the Carboniferous
14	Augustin Marignier (UCL)	Non-linear Inversion of Rayleigh Wave Ellipticity for Seismic Crustal Structure
15	Alice Turner (UCL)	Source Characteristics of Deep Earthquakes using a Higher-Order Moments Approach
16	Stephen Pugh (Cambridge)	Pacific-wide observation of the X-discontinuity beneath hotspots provides evidence for a pervasive eclogitic pool
17	Attilio Rivoldini (Royal Observatory of Belgium)	Constraints on the lunar core composition and thermal state from geophysical data and thermodynamic properties of liquid iron alloys.
18	Matthew Maitra (Cambridge)	Variational principles for the elastodynamics of rotating planets
19	Alexander Ghanbouri (Liverpool)	Geomagnetic field strength for the last 2000 years
20	Krystyna Smolinski (Cambridge)	Determining velocity gradients at LLSVP boundaries using diffracted phases

Poster Sessions – Thursday 9th May

1	Jac van Driel (UCL)	Grain Boundary Diffusion in Earth's Lower Mantle
2	David Rees Jones (Cambridge)	Magma dynamics of subduction zones: models of the production and transport of volatile-enriched melts through the mantle wedge
3	Maxim Ballmer (UCL)	Geodynamical mechanisms for the preservation of ancient mantle heterogeneity through the present-day
4	Yunguo Li (UCL)	Hydrogen partitioning between iron and silicate melts
5	Burak Sakarya (International Seismological Centre)	Enhancement of the ISC-EHB Dataset
6	Paul Tackley (ETH Zurich)	Archean tectonics and the generation of continental TTG crust in global mantle convection models
7	Jennifer Jenkins (Cambridge)	Towards high resolution seismic mapping of the Hawaiian ULVZ
8	Alistair Boyce (Cambridge)	Probing the Impact of Multiple Upwellings on the African Mantle Transition Zone using Converted Seismic Phases
9	Elodie Kendall (UCL)	Geodynamic modeling of the age-depth dependence of radial anisotropy beneath the oceans
10	Robert Long (Leeds)	Boundary layer control of rotating convection
11	Kumiko Hori (Kobe/Leeds)	Anelastic torsional oscillations in Jupiter's metallic hydrogen region
12	Matthew Kemp (Oxford)	X-discontinuity and mantle transition zone structure beneath the Hawaiian hotspot using P-to-s conversions
13	Joseph Asplet (Bristol)	Evaluating discrepant SKS-SKKS shear wave splitting as a measure of lowermost mantle dynamics
14	Will Sturgeon (UCL)	On the origin of radial anisotropy near subducted slabs in the mid-mantle
15	Sam Greenwood (Leeds)	An open source core thermal history model with stable stratification
16	Lisanne Jagt (Utrecht)	Comparing two inversion methods in normal mode tomography
17	Richard Bono (Liverpool)	Beyond the Giant Gaussian: Next Generation Geomagnetic Statistical Field Models
18	Domenico Meduri & Courtney Sprain (Liverpool)	Paleomagnetic insights on geodynamo simulations
19	Stuart Russell (Liverpool)	Rapid field variations from best-quality geomagnetic models
20	Amirhossein Bagheri (ETH Zurich)	Attenuation properties and orbital evolution of Mars-Phobos tidal system