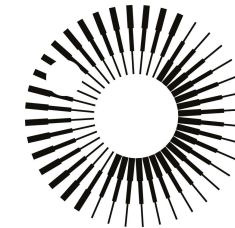


4th British Seismology Meeting Posters

<u>Poster No.</u>	<u>Poster Title</u>	<u>Presenting Author</u>
1	Evidence for mantle upwelling beneath Iceland from shear-wave splitting	James Hammond
2	Waveform tomography of the upper mantle beneath the North Atlantic region using regional seafloor and global data	Janneke de Laat
3	Growing an ocean island: high-precision seismicity reveals a multi-faceted magma intrusion during the 2022 São Jorge, Azores seismic crisis	Stephen Hicks
4	A detailed view of the magmatic plumbing system beneath Askja Volcano, Iceland, from ambient noise tomography	Joseph Fone
5	Seismic methods for mapping hydrothermal fluids in volcanic systems	Sophie Shams
6	Anomalously thin lithosphere in the area of the Paleogene uplift and volcanism in Britain and Ireland: implications for the origin of the North Atlantic Igneous Province	Raffaele Bonadio
7	Surface wave mantle anisotropy tomography of the Azores-Madeira-Canaries region using UPFLOW data: initial results	Katrina Harris
8	Crustal Structure and Mantle Deformation Across the Central African Plateau, Zambia: Evidence from Receiver Functions and Shear-Wave Splitting Analysis	Rita Kounoudis
9	Shear-wave attenuation anisotropy: a fluid detection tool	Joseph Asplet
10	Seismic Methods for Detecting Geothermal Brines	Tesfahiwet Yemane
11	3D surface-wave tomography with full resolution and robust model uncertainties using finite-frequency and SOLA-Backus-Gilbert inversion	Franck Latallerie
12	Towards constraining mantle flow through global radial anisotropy tomography with uncertainty quantification	William Sturgeon
13	The Case of the Missing Diamonds: New global and regional thermo-compositional models of cratonic lithosphere	Felix Davison
14	Bounding filtered Earth models through Backus-Gilbert SOLA inferences	Adrian Mag
15	Mantle Structure and Dynamics beneath NE China revealed by seismic imaging	Cunrui Han
16	MOD3LTHERM – MODelling the 3D thermal and Lithospheric Structure of geoTHERMal regions	Emma Chambers
17	Using tomographic signatures to constrain lowermost mantle compositional and thermodynamic parameters	Justin Leung
18	4D Image Domain Wavefield Tomography for Cost-effective CCS Monitoring with Sparse Data Acquisition	Afsaneh Mohammadi
19	Intricate 3-D post-subduction crust and upper mantle structure of northern Borneo (Sabah), SE Asia, from migrated teleseismic receiver functions	David Cornwell

20	Estimating stress drops on crustal faults using inter-station phase coherence: comparison with the Ridgecrest stress drop validation study	I Made Kris Adi Astra
21	ISC magnitudes based on automatic waveform measurements	Natalia Poiata
22	Moment magnitudes from synthetic Green's functions	Daniela Kühn
23	Moment Tensor Inversion of Microseismicity at the United Downs Deep Geothermal Project, Cornwall	Callum Harrison
24	Influence of modelling decisions on foreshock rates in Southern California	Russell Azad Khan
25	Onshore background seismicity monitoring for CO2 storage operations using array methods	Tom Kettlety
26	Insights from local earthquake analysis at the Hikurangi margin, Aotearoa New Zealand, with a high-density seismic network	Amy Woodward
27	Downhole Insights into Induced and Tectonic Seismicity from Cornwall, UK	Antony Butcher
28	The BELSHAKE database of earthquake ground motion in Belgium	Kris Vanneste
29	Irish National Seismic Network: An Enhanced Detection Capability	James Grannell
30	Possible warning times and expected ground motions for large magnitude earthquakes in Northeast India	Brian Baptie
31	Inversion of the internal and external current of the geomagnetic solar quiet daily field and study of its disturbance characteristics before strong earthquake	Yingyan Wu
32	Interseismic strain accumulation associated with the 2021 Mw 7.4 Maduo Earthquake from InSAR	Conor Rutland
33	Extensional failure at the tip of a weak slab under slab pull - the 2023 Mw 6.4 Zacualpa, Guatemala, earthquake	Tim Craig
34	Lithospheric Seismic Structure of the Anatolian Plate and its Implications for Plateau Uplift: Evidence from Joint Inversion of Receiver Functions and Surface Waves	Pengzhe Zhou
35	Stress field Variation in the Western part of Africa-Eurasia plate boundary from the Azores to Tunisian Atlas derived from focal mechanisms inversion	Farida Ousadou
36	Probabilistic merging of seismic velocity datasets using deep learning: a case study on synthetic data	Sam Scivier
37	Building Data-Driven Short-Term Earthquake Forecasting Workflows Using Deep Neural Networks	Foteini Dervisi
38	A Synthetically Trained Deep Learning Model for the Detection of Deep Focus Earthquakes	Zakary Asgher Hansen
39	Statistical inference of locations and magnitudes of historical earthquake from archive data	Wenjin Lu
40	Defining an optimum frequency-band body-wave magnitude scale for noisy IMS stations	Bethany Grant
41	Seismic Coupling from Near-Surface Explosions in Saturated Sediments: the Foulness Seismoacoustic Coupling Trials	David Green
42	Surface waves generated by explosions in, and above, clay sediments: exploring the seismic coupling variability	Evie Read
43	Estimating Full Moment Tensor Solutions for Nuclear Tests and Earthquakes near the DPRK Test Site	Chris Ogden
44	The Further Importance of The Historical Earthquake Pre-Digital Era Bulletins	Susana Carvalho
45	The ISC Bulletin: Overview and Status	Kathrin Lieser
46	ISC-EHB Dataset for 1964 to 2020: Enhancing the Bulletin with In-house Depth Phase Picks	Burak Sakarya

47	An update on the ISC Seismic Event Bibliography	Domenico Di Giacomo
48	Updates on the ISC-GEM Global Instrumental Earthquake Catalogue (1904-2020)	Domenico Di Giacomo
49	Probabilistic moment tensors and source time functions at the ISC	Tom Garth
50	Seismic phase picking for under-reported FDSN registered African stations	Blessing Shumba
51	Performance of SmartSolo Seismic Nodes in Seismological, Environmental and Geophysical research	Koen Van Noten
52	Seismic velocity changes observed on a dense array of nodal seismometers reveal soil moisture changes in the Critical Zone	Kevin Davidson
53	Glimpse on Archaeoseismology from archaeological remains on Roman sites in the Eastern part of the Tel Atlas of Algeria	Abdelhakim Ayadi
54	The effects of surface topography and basin layering on the earthquake ground motion intensities in intermontane-basin settings	Himanshu Agrawal
55	PICO - a new Compact, Fully Tilt Tolerant, Feedback Broadband Seismometer	Cansun Guralp
56	Comparing seismic wave sensitivity of armoured seabed fibre optic telecommunications cable with collocated seismic and acoustic instruments	David Fairweather
57	Sedimentary thickness across Australia from passive seismic methods	Augustin Marignier
58	Upper-mantle velocity and anisotropy under the Mongol-Baikal region	Hanting Wu



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