

UKSEDI - Collaborative study of Earth's core-mantle boundary region

Friday 12th November, 2021

10:30 – 15:35 GMT

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| 10.30 – 10.35 | Welcome (Richard Holme) |
| 10.35 – 11.15 | Invited Talk: Chris Finlay
Core dynamics from eight years of Swarm satellite geomagnetic observations |
| 11.15 – 11.35 | Yufan Xu
“Thermoelectric Liquid Metal Magnetoconvection” |
| 11.35 – 11.55 | Yael Engbers
“First non-zonal TAF model for the Miocene |
| 11.55 – 12.00 | Poster Introduction |
| 12.00 – 13.00 | LUNCH + Poster session |
| 13.00 – 13.45 | Invited Talk: Paula Koelemeijer
“Large Light Structures and Velocity Provinces at Earth's core-mantle boundary - with heavy details” |
| 13.45 – 14.05 | Jon Mound
“Regional Stratification in Geodynamo Simulations” |
| 14:05 – 14:25 | Reidar Tronnes
“High-density residual Ca-perovskite in the lowermost mantle” |
| 14.25 – 14.45 | Stuart Russell
“Seismic visibility of melt at the CMB from PKKP diffracted waves” |
| 14:45 – 15.30 | Jennifer Jenkins
“High resolution 3D seismic imaging of the Hawaiian ultra-low velocity zone” |
| 15.30 – 15.35 | Richard Holme
Closing remarks |