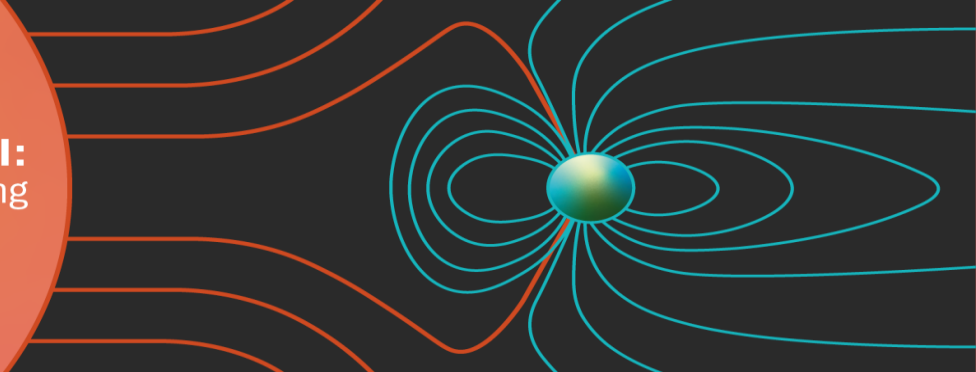


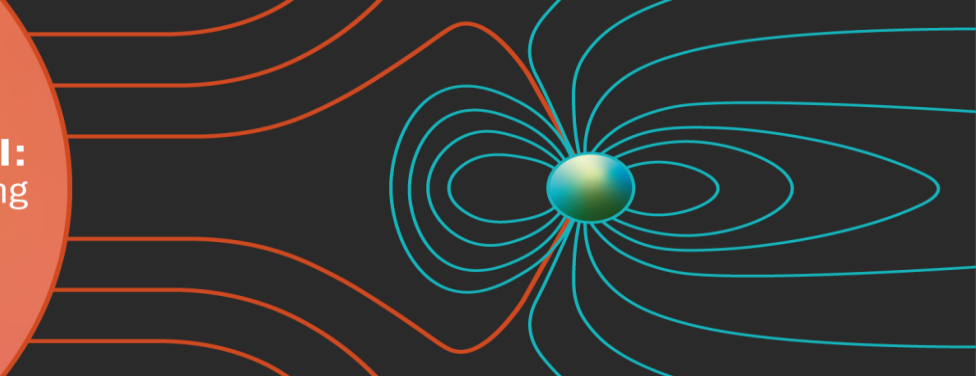
UK Space Weather and Space Environment Meeting III: Global Challenges in Understanding the Space Environment & Space Weather at Solar Maximum



Programme Tuesday 9 September

9:00 AM - 11:00 AM	LOC Session (Room: Main Hall) 9:00 AM Christian Möstl: R202R at the Austrian Space Weather Office and the case for sub-L1 monitors 9:20 AM Kevin Morgan, Navigating Solar Storms: Understanding the Operational & Performance Impacts of Space Weather on Air Traffic Management 9:40 AM Mat Hofton NESO, Michael Graham, Fraser-Nash and Ciaran Beggan, British Geological Survey 10:20AM Harneet Sangha, UKSA NSpOC 10:40 AM Panel Session
11:00 AM - 11:30 AM	Morning Break (Room: Hadfield Hall)
11:30 AM - 1:00 PM	Plenary Session 2: SDA/SST/SSA (Room: Main Hall) 11:30 AM Delores Knipp: Space-based Challenges During the 10-14 May 2024 'Gannon' Geomagnetic Storm: Anecdotal & Published Reports 11:40 AM Ingrid Clossen (Invited Speaker): A review of global long-term changes in the upper atmosphere and their relevance to practical applications 11:50 AM Fraser Baird: Extreme Inner Belt Charging Observed on STRV-1D Revisited after 25 Years 12:00 PM David Pitchford (Invited Speaker): Space Weather Impacts on Spacecraft in the Constellation Era 12:10 PM Mekhi Dhesi (Invited Speaker): Slingshot's Eyes on the Skies: Satellite Tracking from LEO through to XGEO 12:20 PM Panel Session
1:00 PM - 2:00 PM	Lunch (Room: Hadfield Hall)
1:30 PM - 1:50 PM	Find Out More About IOP Membership (Room: Main Hall)

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2:00 PM - 3:30 PM	<p>Plenary Session 3: Space Weather During Solar Maximum (Room: Main Hall)</p> <p>2:00 PM Laura Hayes (Invited Speaker): Solar Flares and CMEs at Solar Maximum: Multi-Vantage Observations in a Golden Age of Flare Science</p> <p>2:10 PM Ravindra Desai (Invited Speaker): Multi-MeV electrons observed by CRRES during the maximum of solar cycle 22 and the implications for solar cycle 25</p> <p>2:20 PM Judith de Patoul: Advancing Operational Forecasting Capabilities with ESA's Vigil Mission: Perspectives from the Belgian Space Weather Centre</p> <p>2:30 PM Jennifer O'Hara (Invited Speaker): Space Weather Operations at SIDC/STCE: Recent Developments and lessons learnt from Service Provision during Solar Maximum</p> <p>2:40 PM Panel Session</p>
3:30 PM - 4:00 PM	<p>Afternoon Break (Room: Hadfield Hall)</p>
4:00 PM - 6:00 PM	<p>Plenary Session 4: R2o2R (Room: Main Hall)</p> <p>4:00 PM Manuela Temmer (Invited Speaker): Recent Advances in the Modelling of CME Propagation Through the Heliosphere</p> <p>4:10 PM Adrian LaMoury: Operational Global Magnetosphere Modelling in the Bergen-Imperial Global Geospace (BIGG) Project</p> <p>4:20 PM Kirsti Kauristie (Invited Speaker): Provision of space weather services for civil aviation according to ICAO regulations – lessons learnt and future visions by PECASUS</p> <p>4:30 PM Lukas Vinoelst: Building the Sun-to-Earth Connection: An Operational Event Chain Framework for Space Weather Forecasting at SIDC</p> <p>4:40 PM Andrew Dimmock: Benchmarking extreme geoelectric fields in Sweden and identifying GIC hotspots in the Swedish power grid</p> <p>4:50 PM Tzu-Wei Fang (Invited Speaker): Thermosphere and Ionosphere Products and Services at NOAA SWPC</p> <p>5:00 PM Ciaran Beggan: Research to Operations: Implementing cloud-based real-time operational magnetic, geoelectric and GIC models for the UK</p> <p>5:10 PM Panel Session</p>