UK Space Weather and Space Environment Meeting II
Poster Presentations

Poster No.	First Name	Last Name	Organization	Poster Title
1	Oliver	Allanson	University Of Birmingham; University Of Exeter	The challenge to understand the zoo of particle transport regimes during resonant wave-particle interactions for given survey-mode wave spectra
2	Fraser	Baird	University of Surrey	Repurposing Hydrological Neutron Detectors to Observe Ground Level Enhancements
3	Fraser	Baird	University of Surrey	Aviation Doses During Recent Space Weather Events: Results from the MAIRE+ Model
4	Stephen	Bannister	Northumbria University	A novel approach to the quantification of magnetic complexity in solar active regions to modernise the Mount Wilson classification scheme in space weather
5	Ciaran	Beggan	British Geological Survey	Quantum Magnetometry for Space Weather Monitoring
6	Mario	Bisi	United Kingdom Research And Innovation - Science & Technology Facilities Council - Rutherford Appleton Laboratory	Radio Investigations for Space Environment Research (RISER): Year 1 Progress
7	Rachel	Black	University Of Exeter/British Antarctic Survey	Investigating the variability of chorus waves in the radiation belts for improved understanding of nonlinear interactions
8	Gemma	Bower	University Of Leicester	The ring current during geomagnetic disturbances
9	Sandra	Chapman	CFSA, University of Warwick	New methods for spatio-temporally distributed multipoint space weather data in the transition to a data-rich era
10	Sean	Elvidge	SERENE, University Of Birmingham	10-years of the Space Environment and Radio Engineering (SERENE) Research Group
11	Sean	Elvidge	SERENE, University Of Birmingham	Rethinking the Space Weather Scales
12	Sean	Elvidge	SERENE, University Of Birmingham	Kp Forecasting: The Good, the Bad and the Ugly
13	Robert	Fear	University Of Southampton	The Electrodynamics of Fine Scale Aurora and Associated Joule Heating
14	Samuel	Fielding	University of Edinburgh	Assessing the difference between several different methods of calculating dB/dt and the implications of these differences in using dB/dt as a proxy for estimating geomagnetically induced currents
15	Edmund	Henley	Met Office	RISER: a case study of applying AULs to benchmark progress in transitioning research to operations
16	Mike	Heyns	Imperial College London	Global Simulations for Space Weather Forecasting: GorgonOps Forecasting Suite
18	Bernard	Jackson		Heliospheric Mesoscale 3-D Reconstructions and the UCSD Plan for the NASA Small Explorer PUNCH Analyses
19	Dishani	Kulasuriya		Machine Learning Application for The Classification of Solar Radio Bursts
20	Adrian	LaMoury	Imperial College London	Local Products from Global Simulations: Latest Developments in the GorgonOps Forecasting Suite
21	Fan	Lei	Surrey Space Centre, University of Surrey	AniMAIRE - An Anisotropic Model for the Atmospheric Ionization Radiation Effects
22	Sahan Sankalpa	Liyanage	Astronomy and Space Science Unit, Department of Physics, University of Colombo	Determination of the Speed and Source Height of Coronal Shock Waves Using Type II Solar Radio Bursts

23	Susumu	Matsumoto		Multi-thermal Analysis of Slow Magnetoacoustic Waves and Thermal Limit Cycles in a Coronal Bright Point
24	John	Morgan	CSIRO	High resolution mapping of the inner heliosphere via ground-based radio observations with state-of-the-art instruments: an Australian perspective
25	Victor U. J.	Nwankwo	Institute for Solar-Terrestrial Physics, German Aerospace Center (DLR)	Investigation of atmospheric drag effect on the trajectory of cataloged LEO objects and its implication for the safety of active satellites in the 25th solar cycle
26	Ndifreke	Nyah		Multi-Step X-Class Solar Flare Forecasting: A Global and Multiple Channel Recurrent Neural Network Learning Approach
27	Muhammed Aslam	Ottupara	School of Mathematics and Statistics, University of Glasgow	Investigation of an Exceptionally Long Forbush Decrease-Like Dip in AMS02 proton observations: From the Sun to the Heliosphere
28	Benjamin	Reid	University Of Birmingham	A Real-Time Data Assimilation International Reference Ionosphere
29	Jiankui	Shi		To monitor and predict low latitude ionospheric scintillation with Digisonde and GPS receiver
30	David	Themens	University Of Birmingham	Storms are important, but so is climatology: An exploration of high latitude ionospheric model performance in climate and user contexts
31	Daniel	Verscharen	University College London	The M-MATISSE mission: understanding magnetosphere-ionosphere-thermosphere coupling at Mars
32	Daniel	Verscharen	University College London	The Plasma Analyser (PLA) instrument for ESA's Vigil mission
33	Dedong	Wang	Gfz German Research Centre For Geosciences	Chorus Waves and Their Effect on Energetic Electrons in the Inner-magnetosphere
34	Nicholas	Watkins	Cfsa, University Of Warwick	When is a 1/f spectrum not a Power Spectrum ? Revisiting Mandelbrot's 1967 Switching Model
35	Dale	Weigt	Aalto University	A novel technique to predict magnetic flux emergence on the Sun
36	Jim	Wild	Lancaster University	Did space weather delay the 10:05pm train departure from Exeter on 18 October 1841?
37	Paul	Wright	Dublin Institute For Advanced Studies	SolarMonitor 2.0
38	Paul	Wright	Dublin Institute For Advanced Studies	Towards Near-Real-Time Active Region Classification with ARCAFF
39	Bojing	Zhu	University Of Chinese Academy Of Sciences	3He-rich SEPs in solar hurricanes: Evidence from wave-particle interaction turbulence acceleration
40	Bojing	Zhu	University Of Chinese Academy Of Sciences	SEPs induced space weather disasters with the observational data-driven multi-component-abundance-isotope model through plasma statistical physics theoretical framework on the domestic supercomputer