CTR Wilson Meeting on Atmospheric Electricity

University of Bath, 18 November 2021

Supported by the Royal Meteorological Society, the Institute of Physics (D&E) and the International Union of Radio Science

All times in UK (London) time.

0900-0930	*Welcome Coffee and Tea*
0930-0945	Susana Barbosa **-** Atmospheric electric field measurements in the Atlantic from the 2020 SAIL campaign
0945-0955	Yasuhiro Minamoto - Atmospheric Electric Field Variations during Auroral Substorm Events
0955-1005	Hironobu Fujiwara - Comparison between lightning activities in thunderstorm cells with and without hailfall in western Tokyo
1005-1020	Ho-Kei Chan - A theory for like-charge attraction of polarizable ions in three-body systems
1020-1035	Martin Airey - Lifetimes of evaporating charged water droplets
1035-1045	Giles Harrison - Observations of artificial charge emission into fogs
1045-1115	*Break with Coffee and Tea*
1130-1145	Karen Aplin - Stratospheric X-rays detected at mid-latitudes with a miniaturized balloon-borne microscintillator-PiN diode system
1145-1155	Justin Tabbett - Microscintillator Radioactivity Detector Performance: A voyage from the Açores
1155-1205	Blair McGinness - Charged Haze Layers in Venus' Lower Atmosphere
1205-1215	David Reid - Measuring the Electric and Magnetic Field of Martian Dust
1215-1330	*Lunch break*
1330-1345	Yoav Yair - Directed observations of lightning and TLEs during the Rakia mission to the ISS
1345-1400	Xue Bai - Height Determination of a Blue Discharge Observed by ASIM/MMIA on the International Space Station
1415-1430	Olaf Scholten - Negative leader structures from LOFAR observations
1430-1445	Graeme Marlton - LEELA: The Met Office's new Lightning Location System
1445-1500	Martin Fullekrug – Lightning and climate
1500-1630	*Tea and Coffee with Lightning and Thunderstorms*