

CTR Wilson Meeting on Atmospheric Electricity

University of Bath, 18 November 2021

Supported by the Royal Meteorological Society, the Institute of Physics and the International Union of Radio Science

The meeting is in the zoom room <https://bath-ac-uk.zoom.us/j/2307773157>

Register for meeting attendance here <https://www.ctrwiae.org/events/registration/form>

- 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 system
- 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*