

CTRW virtual meeting schedule - 12th November 2020

(All timings UTC)

Invited introductory talk

Chair: Keri Nicoll

1200 Introduction to lightning, Martin Fullekrug, UK

1240 Discussion

1245 Break

Contributed presentations

Chair: Giles Harrison

1300 Developments at Cardiff University's Lightning Laboratory, *Daniel Mitchard (UK)*

1305 The temporal distribution of lightning flash density in objectively defined thunderstorm regions of the UK and Ireland, *Leah Hayward (UK)*

1310 An explicit thunderstorm electrification scheme for the Met Office Unified Model, *Ben Courtier (UK)*

1315 The effect of lightning electric field rise-time on sprites, *Dakalo Mashao (South Africa)*

1320 Chalmers and atmospheric electricity at Durham University *Karen Aplin (UK)*

1325 Q&A / discussion of presentations in this session

1345 Break / informal discussion

Chair: Alec Bennett

1400 Lightning Observations of the Taal Eruption, *Jeff Lapierre (USA)*

1405 Electrification of dust in Arabian Gulf sea breeze fronts, *Keri Nicoll (UK)*

1410 Lightning superbolts in East Mediterranean winter thunderstorms, *Yoav Yair (Israel)*

1415 Analysis of the variability of natural gamma radiation during intense atmospheric electric field event, *Rafael Ricardo Rosa de Oliveira (Brazil)*

1420 Estimation of thunderstorms occurrence from lightning cluster recorded by WWLLN network and its comparison with the 'universal' Carnegie curve, *Josue Gabriel Anca Ccopa (Brazil)*

1425 Q&A / discussion of presentations in this session

1445 Break / informal discussion

Chair: Karen Aplin

1500 Global and local periodicities on the potential gradient at different sites worldwide, *Jose Carlos Tacza Anaya (Poland)*

1505 A theory for like-charge attraction of polarizable ions, *Ho-Kei Chan (China)*

1510 Investigating charge on levitated droplets, *Martin Airey (UK)*

1515 Discovering the global circuit, *Giles Harrison (UK)*

1520 The ecology of electrostatics: from pollination to predator-prey interactions, *Sam England (UK)*

1520 Q&A / discussion of presentations in this session

1545 Break / Informal discussion

1600 End