

Advances in Lightning detection

Wednesday 9th March 2016 at the University of Reading

This meeting is organised jointly by the Royal Meteorological Society special interest groups on Atmospheric Electricity; and Meteorological Observing Systems.

Numbers are limited so please register your attendance at:

<http://people.bath.ac.uk/eesmf/lightning-detection.html>

The deadline for registration is February 9th 2016

Outline programme

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| 10.50 – 11.00 | Welcome and Introduction
<i>Keri Nicoll, University of Reading</i> |
| 11.00 - 11.30 | Introduction to lightning and its detection techniques
<i>Martin Fullekrug, University of Bath</i> |
| 11.30 - 12.00 | The Vaisala global lightning detection network
<i>name to be confirmed, Vaisala</i> |
| 12.00 - 12.30 | Advances in the ATDnet lightning detection network
<i>Sven Erik Enno, UK Met Office</i> |
| 12.30 – 13.30 | Lunch |
| 13.30 – 14.00 | Electrostatic thunderstorm detection
<i>Alec Bennett, BIRAL</i> |
| 14.00 – 14.30 | Lightning research using satellites
<i>Lorenzo Labrador, UK Met Office</i> |
| 14.30 – 15.00 | Detection of lightning on other planets
<i>Karen Aplin, University of Oxford</i> |
| 15.30 – 16.00 | Tea and coffee |
| 16.00 – 17.00 | Optional tour of atmospheric electricity observatory |

The meeting will be held in room 1L61 in the Department of Meteorology, which is on the Whiteknights campus of the University of Reading (found most simply using the Earley Gate entrance). Maps and directions can be found via: <http://www.met.reading.ac.uk/contact.html>. Room 1L61 is on the first floor of the building, to the left at the top of the stairs.

Refreshments and lunch are kindly paid for by our sponsors Vaisala and BIRAL. If you wish to park a car on campus please email k.a.nicoll@reading.ac.uk mentioning this as a permit will be required. Parking is available in the surrounding housing estates.