

AVIATION AND CLIMATE

Examining impacts of aviation on climate change,
and climate change on aviation

This event is aimed at stakeholders in the aviation industry and will showcase work performed within the project Extratropical Climate Change in the Upper Troposphere and the Routing of Aircraft (EXTRA), funded by the Natural Environment Research Council, and closely-related aviation work at the Department of Meteorology

Please register by 5 April

There is no charge for attendance

To register, email Wendy Neale at w.neale@reading.ac.uk, or phone 0118 378 8677

Car parking space will be available but limited. Further details will be sent to registered attendees

Thursday 20 April 2017

Meteorology Building, University of Reading

14:00 Emma Irvine, Fabio Mangini, Keith Shine

Department of Meteorology, University of Reading

The implications of climate change for trans-Atlantic aircraft routing and flight duration

Ice-supersaturation and the potential for contrail formation in a changing climate

The dependence of trans-Atlantic flight duration on cruise altitude

Climate-optimised aircraft routing – the REACT4C experience

15:30 Professor Ulrich Schumann

DLR, Oberpfaffenhofen, Germany

Contrails: Properties and Climate Sensitivity

This will be followed at 16:30 by a Reception, with poster displays on other aviation-relevant work at Reading, including volcanic ash, turbulence and en-route radiation dose.