- Local Centre Meetings [1]
- South East Local Centre [2]

Date: Tuesday 14 January 2020

Time: 19:00 - 20:30

Location:
University of Reading- Earley Gate Entrance
University of Reading Early Gate Entrance
RG6 7BE

Email:

southeast@rmets.org [3]

SPEAKER| Dr Mark McCorquodale ? University of Reading

ABSTRACT| The aerodynamic properties of ice particles are poorly understood on account of the enormous variability in both shape and size of particles that occur in the atmosphere. A better understanding of various aspects of the aerodynamics of these particles, including of their terminal velocity and any unsteady fluttering or tumbling motions they exhibit as they fall, is required to improve the accuracy of parametrisations representing ice particles in weather and climate models. In this talk I?ll outline the

methodology of and results from several novel laboratory experiments we?re conducting at the University of Reading and the University of Leeds that use 3D-printed models of complex atmospheric ice particles to provide new insight into this problem.

Links
[1] https://accsys.rmets.org/about-us/local-centres [2] https://accsys.rmets.org/about-us/local-centres/south-east-local-centre [3] mailto:southeast@rmets.org