

Call for Papers on Unmanned Aerial Systems in Atmospheric Research.

The European Union's COST Action ES0802:

**"Unmanned Aerial Systems in Atmospheric Research",**

in collaboration with the Royal Meteorological Society and the UK Met Office, invite oral and poster presentations for a workshop on

## Scientific Applications of Unmanned Aerial Systems in Atmospheric Research.

Clare Collage, Cambridge and Met Office, Cardington, 22nd - 24th September, 2010

The main objective of the workshop is to demonstrate the practical uses of UAS in atmospheric research, giving results from past field campaigns and describing the state-of-the-art of instrumentation automation and miniaturisation. Emphasis within the workshop is on Light UAS (LUAS) platforms, although the High Altitude Long Endurance (HALE) community is welcome. Future practical demonstrations of UAS capability will be advertised, giving an opportunity for the LUAS community to network and add value to their proposed campaigns. This aspect is augmented by a Demonstration Day of flying and static UAS and instruments at Met Office Cardington.

We therefore invite talks and posters on

- 1. Results from scientific UAS field campaigns.**
- 2. Atmospheric Instrumentation Development for UAS**
- 3. Future planned campaigns using UAS.**

Accepted talks and posters will be invited to submit full papers to a joint special issue of the EUG's peer reviewed journals: **Atmospheric Chemistry and Physics (ACP)** and **Atmospheric Measurement Techniques (AMT)**.

Deadline for submission of a **one paragraph abstract** is August 15<sup>th</sup> 2010. Please email abstracts to Dr. Phil Anderson, the local organiser, including whether poster or oral presentation is preferred.

send to: philip.s.anderson@bas.ac.uk

The workshop will be held in Clare Collage, Cambridge, on 22nd and 24th September 2010, with the flying demonstration day at Met Office Cardington (Bedfordshire) on the 23rd September, 2010.

More information on the workshop, Clare Collage and Cardington can be found at the ES0802 web site

<http://www.cost-uas.net/> and <http://workshop.cost-uas.net>