

BLLAST Newsletter - 4 October 2010

by M. Lothon

Observing period:

Reminder: The observing period is set from 14 June to 8 July.

New instruments and collaborators:

- During the COST-ES0802 meeting in September 2010 (on the use of UAVs for atmospheric research), several groups expressed their interest in joining a COST-field campaign with the BLLAST field experiment in Lannemezan.

More than 5 groups plan to come in the last 10 days of the observing period, in order to :

- test a platform
- validate meteorological sensors
- participate in BLLAST experiment

The operations that are bound to validating the UAVs and sensors will be made during some periods outside the BLLAST windows. While those of the UAVs which can participate to BLLAST's objective will fly in coordination with the other instruments operating for BLLAST during the IOPs.

This action is supported by the leader of the COST action ES0802, Joachim Reuder, from the University of Bergen. J. Reuder will participate himself with the UAV SUMO, which is able to make very frequent profiles of the low troposphere.

Joan Cuxart, from the University of Les Ballears, is the coordinator of this COST field campaign in the frame of BLLAST (also leader of the working group 3 in COST-ES0802: « High resolution 3D atmospheric measurements by UAS »).

- Joan Cuxart is also joining BLLAST for mesoscale modeling (Meso-NH). And finally, he will also participate through the instrumented site that is located at Lleida, south to the Pyrénées mountains.

Proposals:

- E. Pardyjak is making a NSF proposal
- J. Bange is making a DFG proposal
- F. Gibert will make a IPSL proposal
- H. Delbarre is making a BQR proposal
- M. Lothon has submitted the French INSU-LEFE proposal on Sept. 30, and will make a BQR proposal
- D. Pino and J. Vila have started the submission of the EUFAR proposal.
- G. Canut has submitted a Marie-Curie proposal for a fellowship at Lindenberg with F. Beyrich and V. Lehman.



*Demo flight of the SUMO, from the University of Bergen. Martin Müller, ground control station operator and Christian Lindenberg, safety pilot.
23 September 2010, Cardington, UK.*