

Area della Ricerca CNR

Florence, Italy

Program

Monday 6 February

Morning

9h00: Welcome

9h15: Introduction by B. Gioli, C. Vanioli and M. Lothon

Overview and outcome of the IOPs

-9h30 Context and meteorological conditions, overview of the IOPs
(Describe the conditions, and discuss them in the context of the season)

M. O. Jonassen (15 min + 5 min discussion)

-9h50 Ground-based continuous measurements
(Overview of all continuous measurements, and how they generally worked, available data, examples of observations and overall outcomes)

F. Lohou (Surface layer, 15 min)

O. Hartogensis (Scintillometry, 5 min)

P. Augustin (Boundary layer profiling, 10 min)

+ 5 min discussion

-10h25 Aircraft flights (PA & SA)

(Report overall operations, table of flights, issues, quality of measurements from first data process, available data – examples of observations and overall outcomes)

P. Durand & B. Gioli (20 min + 5 min discussion)

10h50 ----- Coffee break (25 min)



-11h15 UAS flights

(Report overall operations, table of flights, issues, quality of measurements from first data process, available data – examples of observations and overall outcomes)

J. Reuder (15 min + 5 min discussion)

-11h35. Tethered balloons

(Report overall operations and strategies, table of flights, issues, first data process and analysis, available data – examples of observations and overall outcomes)

F. Lohou (10 min+ 5 min discussion)

-11h50 Radiosoundings

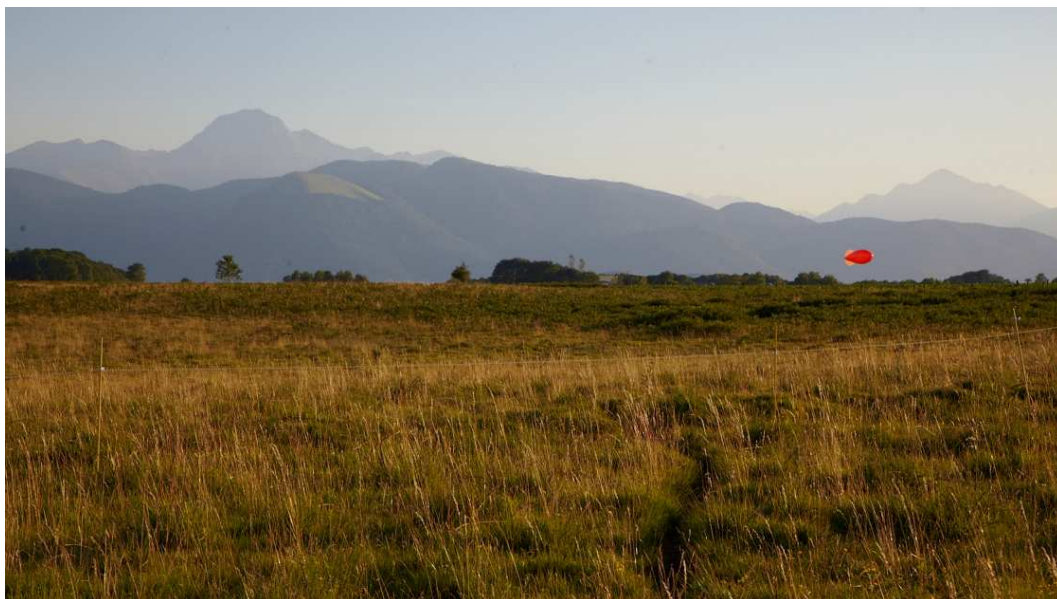
(Overview of all soundings made, available data and overall outcomes)

M. Lothon (10 min+ 5 min discussion)

BLLAST Metadata and data base

12h05: BOC, Metadata and data base

L. Fleury (10 min)



lunch

Monday 6 February

Afternoon

Preliminary analyses or community data processes:

- 13h45: Homogeneous data processing of the flux stations. (*O. de Coster*)
- 14h05: A first evaluation of the AROME and ARPEGE forecast models (*F. Couvreur*)
- 14h25: First modelling intercomparison (*D. Pino*)
- 14h45: UAS SUMO, case study 27 June (*J. Reuder*)
- 15h05: IOP5 - a golden day? Boundary layer development and large scale influences (*H. Pietersen*)

Coffee break

- 16h00: The basin and local contributions of the flow over Lannemezan seen by the MesoNH model (*M. A. Jimenez*)
- 16h20: Evening transition from the microbarometers point of view (*M. Sastre, C. Román*)
- 16h40: Preliminary analysis of surface heterogeneity at site 2 (*C. Darbieu*)
- 17h00: Doppler lidar data analysis (*F. Gibert*)
- 17h20: Radiation measurements (*S. Wacker*)

Tuesday 7 February

Morning

Preliminary analyses:

- 9h00: Attempt of divergence estimation and a study of the link between a surface lengthscale and boundary layer height (*J. Mione*)
- 9h20: preliminary results of M2AV measurements (*G Lohmann*)
- 9h40: Numerical simulations of 1st and 2nd July with mixed-layer model and large eddy simulation (*E. Blay*)
- 10h00: Flow-through chamber results compared with eddy covariance measurements (*A. van de Boer*)

Coffee break

Discussion

Objective: to inform about, plan and coordinate the work in data analysis and modeling

- Review of the issues addressed by all research groups, & their primary strategies
- Discussion
 - > Summary review of the IOPs
 - > Strategies, golden days, share of the analysis and of the modeling
 - > Organization in topics and potential working groups

lunch

13H30

- Continuation of the discussion
 - > Summary review of the IOPs
 - > Strategies, golden days, share of the analysis and of the modeling
 - > Organization in topics and potential working groups

- Other topics :
 - > Overview paper in BAMS
 - > Upcoming conferences
 - > Next workshop
 - > Funding strategy/actions
 - > movie

