

FIFTH MANAGEMENT COMMITTEE/WORKING GROUPS MEETING OF COST Action ES1303

**Towards operational ground based profiling with ceilometers,
Doppler lidars and microwave radiometers for improving weather
forecasts: TOPROF**

Toulouse, France: 19-21 October 2015

AGENDA

Monday 19 October

1. 1400 Welcome. Adopt Agenda. Review actions. (Illingworth)
2. 1410 Cost organization update (Cimini)
3. 1420 Updates on GRUAN (Cimini), ISO (Dabas), ICOS (Haefelin), ISARS (Batchvarova), EMS (O'Connor), WMO(Illingworth), E-PROFILE. (Haefele)
4. 1450 Brief reports by four WG chairs (10 minutes each)
1530 Coffee
5. 1600 Report on the STSMs since Granada
 - a) ALCs: correcting water vapour attenuation: Hervo to Munich (18-22/5)
 - b) PBL: Mixing height retrieval: Rascado to Evora (31/5 – 13/6)
 - c) 1D-var assimilation of MWR : DeAngelis to MeteoFrance (16/9-23/10)
 - d) Implementation of Doppler lidar hub for winds: FMI Oct
 - e) Inferring gusts from turbulent properties: FMI Oct
6. 1715 Report of Special Working Group Reports since Granada:
 - a) Ceilometer Forward Operators: 27-28 July, Reading, (Charlton-Perez)
 - b) Common code for ALCs: 10-11 Sep, IPSL, Paris (Haefelin)
 - c) CeiLinEx2015 Campaign results: 8-9 Oct, DWD, Munich (Mattis)
7. 1800 Discussion
1820 Close

Tuesday 20 October:

8. Joint session on the PBL (Planetary Boundary Layer) with ICOS

9.00-9.15: Updates WG1 on mixing height retrievals by different methods

J-L Rascado, (GR) + contributions from A Haefele (Meteoswiss), H Kambezidis (NOA), J-A Bravo (IPSL)

9.15-9.30: Updates from WG2 on mixing height retrievals by different methods (E. O'Connor, FMI) Including contributions from J. Schween (U. Köln)

9.30-9.45: Updates from WG3 on mixing height retrievals by different methods (N. Cimini, CNR-IMAA) Including contributions from U. Saeed (U. Barcelona)

9.45- 10.00: Operational implementation of mixing height retrievals (L. Rivier, LSCE).

10.00-10.30: Discussion: Potential for integration of techniques and European-wide retrievals. General questions

1030 Coffee

9 1100 Further Reports SWGs and STSMs since Granada:

SWG JCal2 MWR calibration: 14-16 Sept, RPG, Bonn (Pospichal)

STSM: Aerosol properties from ALCs: Dionisi (by Gobbi) (20/9-27/9)

10. 1130 Doppler lidar manufacturers updates: Leosphere: Halo-photonics.

11. 1200 Meetings of WG groups – separate/ joint.

1300 Lunch: Coffee 1515

1730 Close.

Wednesday 21 October

0900 Continuation of WG meetings.

1030 – 1100 Coffee

12. 1100 Report of WG chairs (15 mins each) including the status of: the ALC, Doppler Lidar and MWR networks.

Decision over proposed STSMs and SWGs. Finance.

13. 1220 Remarks from Sabine Hafner on behalf of the EUMETNET 'ObsPMT' activity (Observation Programme Management Team – formerly EUCOS).

1235 Confirm next meeting Varna, Bulgaria 1-3 June 2016 (followed by ISARS meeting on 6-9 June 2016). Venues for future meetings.

1245 Close the meeting.

Lunch

1400 – For those interested:

Joint meeting with E-PROFILE. Finishes at 1800h