

## **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**