

SIXTH 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**

Varna, Bulgaria: 1-3 June 2016

AGENDA

Wednesday 1 June

- 1. 1400 Welcome. Review actions. Opening remarks (Illingworth)**
- 2. 1420 Cost/GRUAN (Cimini) and E-Profile/ICOS (Haeffelin) updates.**
- 3. 1430 Brief reports by three WG chairs (10 minutes each)**
- 4. 1500 Report of three Special Working Group Meetings since Toulouse.**
 - a) Ceilnex analysis conclusions + paper. Vienna – Mattis: 18 - 20 April**
(Other two SWGs reports on Thursday morning 1015)
- 1530 Coffee**
- 5. 1600 Report on the 9 STSMs since Toulouse (finish Thursday morning).**
 - a) Doppler Lidar: all given by O'Connor/Gryning:**
 - i) BL Classification: (Manninen – FMI to Koln) 8-13 Nov 15**
 - ii) Wind gusts: Suomi (FMI to Roskilde) 6-12 Dec 15**
 - iii) Turbulence: Rottner (MetFrance to Roskilde) 18 Jan – 5 Feb 2016**
 - iv) Wind Gusts II: Suomi (FMI to Roskilde) 25-29 Jan 2016**
 - b) Wind cube: Preissler (Galway to Iceland) 3-8 April 2016**
 - c) Wind cube characterisation: (O'Connor to Iceland) 3-8 April 2016**
 - d) Visibility and Urban Ceilometers (Kotthaus to Paris) 11-15 April 2016**
 - e) MWR observns, 1-D Var with RTTOV (De Angelis to MFrance) 8-21 May**
 - f) Retrieval of Mix Layer Ht (Saeed to Cologne, by Loehnert) 21-15 Mar**

1800 Close

Thursday 2 June

- 5. 0900 Continuation of STSM presentations**
- 6. 0930 Update from instrument manufacturers.**
- 7. 1000 Special WG meeting report + Discussion on common formats:
MWR data flow. Meckenheim – Loehnert/Czekala: 8 - 9 Mar 16
Followed by discussion on TOPROF common format led by Loehnert.**
- 8. 1030 Special WG meeting report + Discussion on O-B activities:
MWR analysis in radiance space. Vienna – Cimini: 20 - 21 April
Followed by discussion on TOPROF O-B activities (led by Cimini):
General discussion on common topics (e.g. BL retrievals)
1115 Coffee**
- 9. 1145 Meetings of WG groups – separate/ joint.
1300 Lunch: Coffee 1515
1730 Close.**

Friday 3 June

- 0900 Continuation of WG meetings.**
- 1030 – 1100 Coffee**
- 10. 1100 Report of WG chairs (15 mins each) including the status of:
the ALC, Doppler Lidar and MWR networks, contributions to the
final report and publications.
Decision over proposed STSMs and SWGs. Finance. Final Report.**
- 11. Venue for future meetings. Invitation from Bucharest (Politechnica
University) for the week before or after the ILRC (International Lidar
Radar conference) 25-30 June 2017.
(Summer school for students probably Fri-Sat 23-24 June).**
- 1245 Close the meeting.**