



## **ACTRIS-2 First WP3 Workshop Athens November 2015**

**Tuesday 10/11**

### **Task 3.1**

#### **09:30-13:00: Instrumentation, standardization and QA (*S. Reimann*)**

09.30-10.00: Welcome, reporting/deliverables/meetings  
(*Reimann/Michalopoulos*)

10.00-10.30: Available sites for gaseous measurements: equipment, data reporting, and identification of potential additional sites (*Reimann/Claude*); *the aerosol part will be covered under WP8*

10.30-10.45: Requirements and process of data reporting of gaseous compounds SOPs and QA tools (*Reimann/Kubistin*)

10.45-11.00: Data reporting (*Reimann*)

11:00-11:30: Break

11.30-11.45: On-going data quality measures (target gases/travelling standards /intercomparisons, for gaseous compounds (*Claude/Reimann*))

11.45-12.00: OVOCs (*Reimann*), Additional nitrogen oxide components (*all*)

12.00-12.40: Requirements and process for data reporting of aerosol compounds issue tracker, QA metadata; flagging gases and aerosol, use of data levels for NO<sub>x</sub>/VOCs, NRT data reporting (*Fiebig*)

12.40-13.00 Organic tracers (*Swietlicki*)

13.00-14.00 Lunch Break

### **JRA1**

#### **14:00-15:30 Aerosol light absorption (*Bukowiecki*)**

14:00 - 14:20: General overview and status update (*Bukowiecki*)

14:20 - 14:35: In-situ and airborne absorption measurements during the Melpitz Column Experiment 2015 (*Bukowiecki*)

14:35 - 14:55: Status update about combining in-situ and remote sensing measurements, Athens field campaign (*Tsekeri*)

14:55 - 15:00: Status update on improvement of absorption retrieval algorithms in remote sensing (*Alados Arboledas*)

15:15 - 15:30; Main findings from previous Athens Campaigns (*Gerasopoulos*)

15:30-16:00 Coffee break

16:00-17:30 Data management (C. Lund Myhre)

## **Wednesday 11/11**

### **Task 3.2**

#### **09:30-13:00: New data products and processing chain (Wiedensohler)**

09.30-10.00: Development of a measurement standardization and data submission protocol for aerosol particle mass spectroscopy based on Aerosol Chemical Speciation Monitor (*Freney*)

10:00-10.30: Development of a measurement standardization and data submission protocol for cloud relevant products (Liquid Water Content (LWC) and droplet effective radius (*Sellegrì*))

10.30-11.00: Development of measurement standardization and a data submission protocol for VOCs based on PTRMS and TOF-MS measurements (*Holzinger*)

11.00-11.30 Coffee Break

11.30-12.00: Development of a measurement standardization and data submission protocol for coarse mode particle number size distribution measurements based on aerodynamic and optical particle size spectrometers (*Müller/Wiedensohler*)

- Report OPPS Workshop
- Report APSS Workshop

12.00-12.30: Development of reference instruments for multi-wavelength absorption measurements (*Müller*)

- multi-wavelength reference
- AE31 and AE33 corrections

13.30-13.00 Discussions

13.00-14.00 Lunch

### **Task 3.3**

14:00-14.30: Quality assurance / closure studies for particle number concentration measured by mobility spectrometers (*Wiedensohler*)

14:30-14:45: Closure studies for particle light scattering coefficient (*Fiebig*)

14:45 - 15:00: Mature automatic QA/QC checks for incoming VOC and NO<sub>x</sub> data. (*Reimann*)

15:00-15:15: Reactive trace gases consistency checks, using trace gas ratio and chemical concepts (*Reimann*)

15:15-15:30: Development and implementation of automatic and interactive sanity and consistency checks for in situ surface-based data submission (*Fjæraa*)

15.30-16.00 Coffee Break

16:00-16:30: Increasing the number of NRT stations and instruments (*Fiebig*)

16.30-17.00 Discussions

### **17.30-19.10 -Scientific Presentations**

17:30-17.50: Phenomenology # 4 OC/EC (*Putaud*):

17.50-18.10: Phenomenology # 5 MAC (*Zanatta*)

18.10-18.30: Phenomenology # 6 Aerosol extinction (*Pandolfi*)

18.30-18.50: AeroCom (*Fiebig*)

18.50-19.10: Global trends (*Andrews*)

**Thursday 11/11**

**ESFRI**

09.00-09.15 ESFRI proposal (*Laj*)

**WP8**

**09:15-13:00: European center for Aerosol Calibration**

09.15-09.30 ECAC Overview (*Wiedensohler*)

09.30-10.00 ACSM Calibration (*Freney*)

10.00-10.30: ECAC: Procedures and Requirements (*Schüttauf*)

10.30-11.00 OC/EC intercomparisons (*Putaud*)

11.00-11.30 Coffee Break

11.30-12.00: Available sites for aerosol physical measurements: equipment, Identification of potential additional sites (*Wiedensohler*) → only discussion based on the instrument list

12.00-13.00 General Discussion (*Michalopoulos*)