

COLOSSAL

Chemical On-Line cOmpoSition and Source Apportionment of fine aerosol



ACSM QA/QC procedures and data submission

- Session#1 Monday Oct 19th 9-12am CEST – *Setting the scene, data submission*
- Session#2 Monday Oct 19th 2-5pm CEST - *ACSM clinic*
- Session#3 Tuesday Oct 20th 9-12am CEST - *Improved/advanced ACSM measurements*
- Session#4 Tuesday Oct 20th 2-5pm CEST - *Harmonization of ACSM QA/QC: Standard Operation Procedures*

ACSM QA/QC procedures and data submission workshop

Session#1: Setting the scene & Data submission procedure

- Overview of COLOSSAL activities in GP4 (Presentation 1.1)
- Synthesis of WG1 Activities + organization and expected outcomes of the workshop (Presentation 1.2)
- Current status of ACSM data submission in Ebas (Presentation 1.3)
- Status of the EETA tool for Quadrupole-ACSM data submission (Presentation 1.4)
- How to accurately submit ACSM data in the present situation? (Presentation 1.5)
- Towards NRT submission: what's done for ACSM data within the CAMS21a project (Presentation 1.6)

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Session#2 : ACSM Clinic

- Aerodyne's update on the ACSM technology (Presentation 2.1)
- Lens alignment example data (Presentation 2.2)
- Strange electronic noise interference in error calculation for PMF (Presentation 2.3)
- Some issues during RIE calibration (Presentation 2.4)
- A few other open questions on ACSM calibration and operation (Presentation 2.5)

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Session#3: Advanced/improved ACSM measurements

- ACTRIS Intro (Presentation 3.1)
- Data management plan to be applied within ACTRIS-RI in near-future (Presentation 3.2)
- Organo-nitrate experiment during the 2018 ACSM intercomparison workshop (Presentation 3.3)
- Organic mixtures experiment during the 2018 ACSM intercomparison workshop (Presentation 3.4)
- Improved chloride quantification for Q-ACSMs (Presentation 3.5)
- The PARAMOUNT Cost Action project
- Q-ACSM measurements in altitude (5240m) at Chacaltaya station in Bolivia (Presentation 3.6)

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Session#4:

Online revision of the ACSM Standard Operating Procedures