



COST Action CA16109 COLOSSAL
“Chemical On-Line cOmpoSition and Source Apportionment of fine aerosol”

and



“Aerosols, Clouds, and Trace gases Research InfraStructure”

Intercomparison and WG3 meeting
14-25 January 2019, Leipzig

Leibniz Institute for Tropospheric Research (TROPOS)
Permoserstr. 15, Leipzig, Germany

Call for participation

Objectives

Intercomparison exercise of similar instruments, such as multiwavelength Aethalometers, for the determination of uncertainties in the black carbon concentrations and the source apportionment of black carbon will be performed at the Leibniz Institute for Tropospheric Research (Tropos). This is a coordinated activity with ACTRIS.

The WG3 “Refractory fine aerosol fraction” meeting will provide a forum for the discussion on the results from the past intensive EMEP-ACTRIS-COLOSSAL winter campaign, including black and brown carbon measurements, among other additional air pollution measurements, in which many COLOSSAL participants participated.

Topic of the Intercomparison

The intercomparison exercise will consist on intercomparison of instruments with the extinction – scattering reference instrument at Tropos to determine uncertainties in the black carbon concentrations and the source apportionment of black carbon. The participants will send their own

instruments to the site prior to the event. The participants will be on site during the 3 days in up to four groups (groups A, B: first week; groups C, D: second week). Participants will perform hands-on work with their own instruments. This corresponds to Task 3.3 from COLOSSAL MoU. A visit to laboratories at Tropos is envisioned.

Topic of the COLOSSAL WG3 meeting – 16 Jan 2019

Discussion on BC and BrC. Participants are required to send an abstract of a 15 min presentation on their work or a motivation letter with their interests in BC and BrC. These will be a criterion (presentation/no presentation) to select the participants. The final duration of the talks will be given in the final program. Presentations on the 2017-2018 intensive EMEP-ACTRIS-COLOSSAL winter campaign are especially encouraged. This meeting-workshop corresponds to Task 3.2 from MoU.

Eligibility criteria and selection of applicants

Intercomparison exercise: the maximum number of instruments is 20 (5 per group). One person per instrument will be eligible for 3 days. Note that the instrument shipping expenses are not funded!

WG3 meeting on Wed, 16 Jan 2019: final number of eligible participants will be based on budget availability.

The evaluation of applications and the selection of participants will be performed by the Event Committee: Chair (María Cruz Minguillón), Vice-chair (André Prévôt), and Scientific organizers (Anne Kasper-Giebl, Alfred Wiedensohler, Griša Močnik), following the guidelines stated in the COST Vademecum.

The event can also be attended by a limited number of participants on their own funds, after approval from the Event Committee.

Applications

Deadline for applications: **11 November 2018** (end of day)

Interested researchers should:

- Carefully read the funding rules detailed in “*Section 5. Meetings*” of the COST Vademecum
- Register for an e-COST profile at <https://e-services.cost.eu/>
- Send an Excel file with details to be part of COLOSSAL participants database (if not done yet) to Action Chair (mariacruz.minguillon@idaea.csic.es)
- Send the following documents to the Action Chair (mariacruz.minguillon@idaea.csic.es), Vice-Chair (andre.prevot@psi.ch), and Scientific organizer (grisa.mocnik@ijs.si):

- **For intercomparison exercise:** application form
IntercomparisonWG3_Leipzig_2019_Jan14-18_Application_LastName.pdf
- **For WG3 meeting:** 1 page abstract/motivation letter named
MeetingWG3_Leipzig_2019_Jan16_LastName.pdf

Email subject should be

“CA16109 WG3 Intercomparison 2019 application” or

“CA16109 WG3 Meeting 2019 application”

Files should be named by replacing “LastName” by the actual last name of the participant.

Outcome

The eligible participants will be notified by 5 Dec 2018.

A detailed schedule of the event, details about the logistics and instructions will be sent together with the notification.