



COST Action CA16109 COLOSSAL

“Chemical On-Line cOmpoSition and Source Apportionment of fine aerosol”

Training School on source apportionment of organic aerosol

15-17 February 2018, Prague

**Institute of Chemical Process Fundamentals AS CR
Rozvojova 135, 16502 Praha 6 – Suchbát, Czech Republic**

Call for trainees

Objectives

This Training School aims to provide intensive training in source apportionment of organic aerosol, based on the use of organic mass spectra of fine aerosols.

Topic of this Training School

The “Training School on source apportionment of organic aerosol” will focus on source apportionment of organic aerosol based on the use of organic mass spectra of fine aerosols, although other types of datasets will also be explored. Positive Matrix Factorization model, solved by ME (Multilinear Engine) will be the main tool.

The Training School is addressed to beginners, although trainees are expected to have already a general knowledge of source apportionment techniques and Positive Matrix Factorization analysis.

During the course, the trainees will learn how to run PMF with ME-2 using SoFi tool, including all the hands-on steps, such as how to import data, explore data, set the running parameters, and analyze PMF results in SoFi. During the training, trainees will have the opportunity to work on their own data (individual support provided) and will have the chance to present earlier PMF/ME-2 work, if desired.

Training sessions

The Training School will last 3 full days (15, 16, 17 February 2018).

A detailed program will be provided later. The foreseen training sessions are:

- Overview PMF-ME-2
- Overview SoFi
- How to prepare your input datasets
- SoFi tool
- Overview on organic sources/types: how to interpret PMF results

Each participant should prepare a 7-8 min presentation on their work and interests in source apportionment on fine aerosols.

Number of grants

A total of 20 grants are offered.

Financial support

The financial support on offer is a grant and therefore is a fixed financial contribution that may not necessarily cover all of the expenses incurred during the participation in the Training School.

It will be determined by the Training School Committee when approving the grant and will range between **EUR 500** and **EUR 750**, based on distance/travel costs estimation.

Lunch and coffee will be provided by the local organizer.

The trainees should arrange their travel and accommodation.

If an applicant applies for the two consecutive Training Schools (12-14 Feb 2018 and 15-17 Feb 2018), the total grant will be calculated accordingly.

Eligibility criteria and selection of applicants

Grant applicants should live in a COST country participating in CA16109 COLOSSAL
http://www.cost.eu/COST_Actions/ca/CA16109?parties.

The evaluation of applications and the selection of participants will be performed by the Training School Committee: Chair (María Cruz Minguillón), Vice-chair (André Prévôt), Scientific organizers (Stefania Gilardoni, Jurgita Ovadnevaite), Gender Balance Coordinator (Luminita Marmureanu), and ECI Coordinator (Axel Eriksson), following the guidelines stated in the COST Vademecum.

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

Applications

- Deadline for applications: 3 January 2018 (you are encouraged to send it earlier)

Interested researchers should:

- Carefully read the funding rules detailed in Section 5 of the COST Vademecum
- Register for an e-COST profile at <https://e-services.cost.eu/>
- Send the following documents:
 - Application form named "Training School_20180215_Prague_Application_LastName"
 - CV (max 2 pages) named "Training School_20180215_Prague_CV_LastName"

to:

- Training School Scientific Organizers (Stefania Gilardoni, Jurgita Ovadnevaite, s.gilardoni@isac.cnr.it, jurgita.ovadnevaite@nuigalway.ie)
- Action Chair (María Cruz Minguillón, mariacruz.minguillon@idaea.csic.es)
- Action Vice-Chair (André Prévôt, andre.prevot@psi.ch)

using email subject: Training School 20180215 Application.

You need to send your application email from the email address you use for your e-COST profile.

If you are not participant in the Action yet, please send also the Excel file "COLOSSAL Participants details_LastName.xlsx" with your details and renamed accordingly.

The applicants should indicate in their application if they are applying as well to the Training School scheduled for 12-14 Feb 2018. If this is the case, note that a separate application for this other Training School is required.

Outcome

- Outcomes: 10 January 2018

The grantees will be informed by Grant Holder by email via e-COST.

During the Training School

The Grantee must sign the attendance list every day. Failing to do so will result in a reduction of the grant amount.