



Course announcement

14th School on Atmospheric Aerosol Physics, Measurement, and Sampling

Hyytiälä, Finland, May 11-18, 2018

This summer school is an advanced course for deeper training of aspects related to atmospheric aerosol measurements, including but not limited to: physical, mechanical, and electrical properties of aerosol particles, sampling losses, particle filters, aerosol dryers, impactors, mobility and aerodynamic size spectrometers, particle counters, integrating nephelometer, absorption photometers, online mass measurements, aerosol mass spectrometer and artefact-free sampling.

Lecturers include:

Docent, Dr. Katrianne Lehtipalo, Institute for Atmospheric and Earth System Research INAR, University of Helsinki, Finland

Prof. Dr. Alfred Wiedensohler, Leibniz Institute for Tropospheric Research, Leipzig, Germany; GAW-World Calibration Centre for Aerosol Physics (WCCAP); European Center for Aerosol Calibration (ECAC)

Dr. Jean-Philippe Putaud, Joint Research Centre, Ispra, Italy

Dr. Paolo Laj, Univ. Grenoble Alpes, Centre National de la Recherche Scientifique (CNRS), France; Co-coordinator of ACTRIS-2

Target Group:

This summer school is mainly intended for Ph.D. students, young scientist, and personnel from aerosol measuring stations involved in CRAICC, ACTRIS, BACCHUS, GAW, GUAN, and EMEP. The topics will be interactively presented and discussed in English. Good English in understanding and speaking, as well as basic aerosol knowledge is required. The successful participation will equal **5 ECTS**.

Co-Funding:

The summer school is organized within the frame of the EU-project ACTRIS as well as the GAW-WCCAP, iLEAPS, PEEEX, the National ATM-DP Doctoral Program at the University of Helsinki, the Nordic Graduate School "Biosphere-Carbon-Aerosol-Cloud-Climate Interactions" (CBACCI), Nordic Master's Degree Program "Atmosphere-Biosphere-Studies" (ABS), and "The Centre of Excellence in Atmospheric Science - From Molecular and Biological Processes to the Global Climate".

Participation Costs:

The **full fee of the course is 1500 €** which includes all academic program, full boarding at [Hyytiälä forest field station](#) (breakfast, lunch, afternoon coffee, dinner, and evening snack), accommodation in two person bedrooms and the transfers between Helsinki and Hyytiälä. University students enrolled in degree programs get a 50% discount (**student discount price 750 €**). The ATM-DP Doctoral Program covers the course fee for doctoral students enrolled in Helsinki university, and the Nordic ABS Master's Degree Program covers the course fee for master students enrolled in universities in Nordic (including other Finnish university than Helsinki university) and Baltic countries (Denmark, Estonia, Finland, Iceland, Latvia, Lithuania, Norway, Sweden).

Poster:

Each participant should prepare and bring with them a poster about their current or future work, including his or her expectations about the summer school.

Application:

The application for the course should be done electronically using the following link:

<https://elomake.helsinki.fi/lomakkeet/86302/lomake.html>

Deadline for applications: March 16, 2018

Further information:

For further information, please contact: katrianne.lehtipalo@helsinki.fi