



European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability - EuNetAir



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Call for Participation

COST Action TD1105 EuNetAir 3rd Training School

Atmospheric Aerosol Physics, Measurement and Sampling

1 - 8 May, 2015

University of Helsinki

Hyytiälä Forestry Field Station - Faculty of Agriculture and Forestry

Atmospheric Research Center - Department of Physics

SMEAR Station

Hyytiälä - Helsinki, Finland



Local organizer:

Prof. Kaarle Hameri

EuNetAir Working Group 3 Vice-chair

Department of Physics - University of Helsinki

Helsinki, Finland

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Call for Participation to the 3rd EuNetAir Training School *Atmospheric Aerosol Physics, Measurement and Sampling*

Hyytiälä - Helsinki, Finland, 1 - 8 May, 2015

UNIVERSITY OF HELSINKI, Physics Department - Atmospheric Research Center

SMEAR Station, Hyytiälä Forestry Field Station, Hyytiälä-Helsinki, Finland

EuNetAir, the “European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability”, is a Concerted Action of the COST (European Cooperation in the field of Scientific and Technical Research) agency, supported by the European Science Foundation.

EuNetAir coordinates research efforts at European level to develop networking in science and technology and a critical mass of researchers and scientists in the field of new sensing technologies for air pollution control and environmental sustainability, especially for the development of new functional nanomaterials for gas sensors, optimized transducer platforms, advanced gas sensors and sensor systems, advanced signal processing and artificial intelligence for gas sensor systems, air quality modelling, environmental measurements, standards, methods and protocols for air quality control and environmental sustainability.

EuNetAir is supporting the training, education and exchange of young researchers and experienced scientists to establish new areas for scientific collaboration, joint multidisciplinary publications and frontier research on materials for sensors, nanotechnology and nanosciences for AQC, chemical sensors, wireless sensor-systems, sensing devices, methods, models, standards and prototypes in the qualified laboratories of the participating institutions. Topics must be related to core-issues of the COST Action TD1105 such as materials science, nanotechnology, advanced nanostructures, gas sensors and wireless sensor systems, air quality modelling, environmental engineering and sciences, environmental measurements, devices and demonstrators for AQC, environmental technology evaluation, standards and methods for benchmarking of new commercialized environmental sensors.

Early Stage Researchers in the fields mentioned above, including pre- or postdoctoral researchers, PhD students, post-graduate students, that would like to participate in the 3rd **EuNetAir** Training School, can apply for financial support through **EuNetAir** (COST Action TD1105).

The duration of the 3rd **EuNetAir** training school is 7 days (5 working days) from-Friday-to-Friday. Upon approval, participants will receive a **grant of 950 EURO (Baltic Area) / 1100 EURO (Non-Baltic Area)** depending on distance from the venue to cover the travelling costs, accommodation and subsistence during this 7-day training school.

Participating COST countries in COST Action TD1105 **EuNetAir** as of March 2015 are:

Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Luxembourg, The Former Yugoslav Republic of Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom.

Approved Institutions in the Action from Near Neighbour Countries (NNC) such as *Morocco, Ukraine, Russian Federation* are eligible to be reimbursed such Trainees and Trainers.

Approved Institutions in the Action from International Partner Countries (IPC) such as *Australia, Canada, China, USA* are eligible to be reimbursed such Trainers only.



Applicants are requested to fill in the attached application form and send their application to **EuNetAir** Scientific Secretary and Action Chair (see contact data below), and copied to the Training School Local Organizer, **as soon as possible**, at the latest by **April 15, 2015**.

Applicants will be informed about the approval of their grant application by the **EuNetAir** Grant Holder with an official email via the e-COST tool (<https://e-services.cost.eu/>) at least 1-2 weeks before the school starts.

Basic Rules for Grant Applications:

- Aim: strengthening the education of young researchers active in the scientific fields of the COST Action **EuNetAir** from participating COST countries to foster collaboration and cooperation in Science and Technology.
- Number of participants: 12 grants for STUDENTS (Bachelor, Master, PhD) and early stage researchers from Action partnership and COST Countries having signed the **EuNetAir** Memorandum of Understanding (MoU), including the approved institutions from NNC.
- Application: Applicants are responsible for submitting their application via email to **all** of the following:
 - Scientific Secretary (annamaria.demarinis@uniba.it) (copied in cc)
 - Training School Local Organizer (kaarle.hameri@helsinki.fi) (copied in cc)
 - Action Chair (michele.penza@enea.it) (directly to).
- COST Action TD1105 **EuNetAir** assures best possible gender balance and promotes women in science and technology.
- Duration: The 3rd **EuNetAir** Training School covers 1 week (5 working days) (Friday - Friday).
- Financial support: An amount of 950/1100 EURO/grant (depending on distance from venue) is awarded on a competitive basis. **STUDENTS (Bachelor, Master, PhD) are high priority for Training School.**
- Deadline for application: applications should be submitted as soon as possible, **at the latest by April 15, 2015.**
- Registration: After approval, confirmed Applicants must use the on-line e-COST registration tool (<https://e-services.cost.eu/>).
- Selection of the Grants: participants are selected by the Action. The Action's Training School Local Organizer, supported by an Ad-Hoc Committee, will assess the received applications and will approve the grants. The decision will be forwarded to the Action Chair and Grant Holder for processing the grant procedure after acceptance/non-acceptance. The Grant Holder will conduct the electronic procedure for the approved grants.
- Approval: approved Applicants will be informed by the Grant Holder by email via e-COST system (<https://e-services.cost.eu/>).
- Participants are requested to present their own research activities in a brief presentation (2 slides, 2 minutes) and a poster at the training school to allow intensive interaction between all participants and promote further collaboration. More details on Training School Agenda/Flyer or contacting Director of Training School (Prof. Kaarle Hameri, University of Helsinki - Email: kaarle.hameri@finland.fi).
- Practical Info: a number of comfortable rooms will be reserved at Guest House in the Hyytiälä Forestry Field Station in two person bedrooms and transfers between Helsinki and Hyytiälä will be managed by local organizers (estimated two-hours by car from Helsinki). The Local Organizer will assist approved applicants in booking rooms for the duration of the training school. Participants must make their own travel arrangements (airplane/train tickets etc.) and accommodation bookings.
- For further information on local arrangements refer to: kaarle.hameri@helsinki.fi



VERY IMPORTANT

Official communications from COST Action management to the Applicants of the Training School will be processed electronically by the e-COST system (<https://e-services.cost.eu/>).

Please, check and control your email account for these communications. COST Action TD1105 is not responsible for wrong email accounts and mistakes in the communications.

Date of Launch of the Call for Participation: March 26, 2015

Contact information:

EuNetAir Action Chair

Dr. Michele Penza

ENEA

Italian National Agency for New Technologies, Energy and Sustainable Economic Development

Technical Unit for Materials Technologies

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EuNetAir Grant Holder Manager

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EuNetAir Local Organizer and Director of Training School

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EuNetAir COST Action Scientific Secretary

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