



COST Action TD1105 Training School - Call for Trainees

1st TRAINING SCHOOL on Environmental Technologies and Air-Quality Monitoring

Barcelona, 13 - 15 June 2013

**UNIVERSITAT de BARCELONA (UB), MIND-IN2UB - Departament d'Electronica
c/ Marti I Franques, 1 - E-08028 Barcelona, Spain
and CSIC-IDAEA, c/ Jordi Girona, 18 - E-08034 Barcelona, Spain**

CALL for Trainees to participate in 1st Training School of COST Action TD1105 EuNetAir European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability

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

The **EuNetAir** (COST Action TD1105) coordinates research efforts at European level to develop the most adequate technological networking and critical mass of researchers and scientists applied to New Sensing Technologies for Air-Pollution Control and Environmental Sustainability for the management of new functional nanomaterials, advanced gas sensors and sensor-systems, artificial intelligence for sensing, air-quality modeling, environmental measurements, standards, methods and protocols for air quality control and environmental sustainability.

The **EuNetAir** is supporting the training, education and exchange of young researchers and experienced scientists to establish new areas of scientific collaboration or complementing 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. The topic 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 modeling, 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 materials science, nanotechnology and nanosciences, environmental engineering and science, ICT, sensor devices, gas sensors, environmental sensor-systems, air quality modelling, standards and protocols for AQC, including pre- or postdoctoral researchers, PhD students, post-graduated people, that would like to apply for a **Grant as Trainee** in order to participate to the 1st Training School of Action, can be financially supported by EuNetAir (COST Action TD1105), applying to a Candidate for Grant.

The duration of the 1st Training School is 3 working days. The grant as **600 EURO** will cover the travelling costs, hotel accommodation and subsistence during 3-day Training School.

Participating COST Countries in COST Action TD1105 **EuNetAir**, at the date on May 2013 are:

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

The Applicant must fill a **Form** (see attached file) and reply to the Action Coordinator of Training Schools, Scientific Secretary and Action Chair (see contact data below).

The Applicant will be informed on the own candidature for grant from the Grant Holder by means of an official email via the e-COST tool (<https://e-services.cost.eu/>), at least 3 weeks before the school starts.

Basic Rules for Grant Application:

- **Aim:** strengthening the education of young researchers in the Action issues coming from the **COST Action Member States** to foster collaboration and cooperation in Science and Technology.
- **Number:** 20 grants for young researchers from Action partnership and COST Countries signing MoU.
- **Applicant:** The Applicant is responsible for submitting his/her application via email to:
 - Scientific Secretary (annamaria.demarinis@uniba.it)
 - Training School Coordinator (aromano@el.ub.es)
 - Action Chair (michele.penza@enea.it).COST Action TD1105 will assure gender balance and promote "women in science and technology".
- **Duration:** The 1st Training School covers 3 working days.
- **Finance:** An amount of **EUR 600/grant** is awarded on competitive basis. Early Stage Researchers (ESR intended as PhD title plus < 8 years) are high priority for Training School.
- **Registration:** The granted Applicant must use the **on-line e-COST registration tool** (<https://e-services.cost.eu/>). The application should arrive at the COST Action management timely **by deadline on 10 May 2013**.
- **Selection of the Grants:** Selection responsibility is of the Action. The Action's Training School Coordinator, supported by the Ad-Hoc Committee, will assess the received applications and will approval for grants. This decision will be given from Training School Coordinator to inform MC Chair and Grant Holder for running the grant procedure on approval/deny. The Grant Holder will go forward about the decision for the required grant. This procedure is electronically based.
- **Approval:** The granted Applicant will be informed by Grant Holder by email via e-COST system (<https://e-services.cost.eu/>).
- **Practical Info:** A number of comfortable rooms to the UB Students Hotel at the Campus of the University of Barcelona, walking distance near School room, have been reserved for Trainees and Trainers at cheap prices. The UB Coordinator will assist the granted applicants for booking the rooms at Barcelona. On the contrary, the granted applicant must book directly own airplane tickets and arrangements for travel.

For further information please contact **COST Action TD1105 Chair:**

Dr. Michele Penza
ENEA

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Scientific Secretary from Grant Holder institution
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VERY IMPORTANT

The official communications from COST Action management (Grant Holder and Action Chair) to the Applicants of the Training School will be done by the e-COST system (<https://e-services.cost.eu/>).
Please, check and control your email account for this communication. COST Action TD1105 is not responsible for wrong email accounts and mistakes in the communications.

Application Form filled in the whole must be returned signed in pdf by email to ALL listed people:

- Training School Coordinator (aromano@el.ub.es)
- Scientific Secretary (annamaria.demarinis@uniba.it)
- Action Chair (michele.penza@enea.it)

Date of Launch of the Call for Trainees: 03 May 2013