



 **cost**
EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY



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COST Action TD1105 EuNetAir

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

2nd training school

March 31 to April 2, 2014

Call for participation

Saarland University
Lab for Measurement Technology

Building A5.1

66123 Saarbruecken

Germany

Local organizer:

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COST Action TD1105 – EuNetAir
2nd training school, Saarbruecken, March 31 – April 2, 2014



Call for participation to the 2nd EuNetAir training school

Focus topic: Optimized operation of solid state gas sensors for environmental technologies and air quality monitoring

Saarbruecken, Germany, March 31 to April 2, 2014

SAARLAND UNIVERSITY, Lab for Measurement Technology (USAAR-LMT)

Campus A5.1, 66123 Saarbruecken, Germany

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 2nd **EuNetAir** Training School, can apply for financial support through **EuNetAir** (COST Action TD1105).

The duration of the 2nd **EuNetAir** training school is 3 working days. Upon approval, participants will receive a **grant of 600 or 400 EURO**, respectively, depending on distance from the venue to cover the travelling costs, accommodation and subsistence during this 3-day training school.

Participating COST countries in COST Action TD1105 **EuNetAir** as of January 2014 are: Austria, 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

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

Applicants are requested to fill in the **attached application form** and send their application to the Training School Local Organizer, **EuNetAir** Scientific Secretary and Action Chair (see contact data below) as soon as possible, at the latest by **February 14, 2014**.

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 3 weeks before the school starts.



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Basic Rules for Grant Applications:

- Aim: strengthening the education of young researchers active in the scientific fields of COST Action **EuNetAir** from participating COST countries to foster collaboration and cooperation in Science and Technology.
- Number of participants: 24 grants for early stage researchers from Action partnership and COST countries having signed the **EuNetAir** Memorandum of Understanding (MoU) including 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)
 - Training School Local Organizer (schuetze@LMT.uni-saarland.de)
 - Action Chair (michele.penza@enea.it)
- COST Action TD1105 **EuNetAir** assures best possible gender balance and promotes women in science and technology.
- Duration: The 2nd **EuNetAir** Training School covers 3 working days (Monday – Wednesday).
- Financial support: An amount of 600/400 EURO/grant (depending on distance from the venue) is awarded on a competitive basis. Early Stage Researchers (defined as PhD title plus < 5 years) are high priority for Training School.
- Deadline for application: applications should be submitted as soon as possible, **latest by February 14, 2014**.
- 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.
- Practical Info: a number of comfortable rooms will be reserved in the vicinity of the Campus of Saarland University at reasonable prices. 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 hotel accommodation bookings. For further information refer to:
<http://www.uni-saarland.de/en/footer/dialogue/contact/saarbruecken.html>

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: January 18, 2014



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Contact information:

EuNetAir Action Chair

Dr. Michele Penza

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Impressions from the Campus of Saarland University

