



COST Action TD1105 for ISOCS Short Course Winter 2014 Call for Trainees

COST Action TD105 supports *ISOCS Short Course Winter 2014 on Reactivity of Solids, Kinetics, Catalysis, Definitions and Applications of Chemical Sensors*

Les Houches - Chamonix Valley, France, 9 - 14 February 2014

**ISOCS - International Society for Olfaction and Chemical Sensing
ISOCS Short Course Winter 2014 organized by**

Ecole de Physique, des Houches and Université Joseph Fourier, Grenoble, France

CALL for Trainees by COST Action TD1105 *EuNetAir* to participate in ISOCS Short Course Winter 2014

**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 **ISOCS Short Course Winter 2014**, can be financially supported by EuNetAir (*COST Action TD1105*), applying to a Candidate for Grant.

The duration of the ISOCS Short Course Winter 2014 is 5 working days (from Monday to Friday). The grant as **1000 EURO** will cover the travelling costs, hotel accommodation and subsistence during 5-day Short Course. This grant must be intended as a flat-rate supporting financial tool to the expenses and no reimbursement on actual costs will be applied to the granted Trainees.

This Grant will be managed under COST rules on Training Schools. In particular, this grant is individual for trainees (and trainers) and the expenses by Trainees will be reimbursed after event by matching the COST rules on reimbursement. In other terms, the granted Trainee will pay in advance own expenses to participate to the ISOCS Short Course Winter 2014 and after event, by necessary supporting documents (e.g., airplane tickets, receipts, etc.), will be reimbursed by e-COST system managed by our Action Grant Holder (Dr. Corinna Hahn, Eurice GmbH, Germany; c.hahn@eurice.eu).

Participating **COST Countries** (28) in COST Action TD1105 *EuNetAir*, on 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

Near Neighbour Countries (NNC) approved in COST Action TD1105, on January 2014 are:

Morocco, Russian Federation, Ukraine

International Partner Countries (IPC) in COST Action TD1105, on January 2014 are:

Australia, Canada, China, USA

The Applicant must fill a **Form** (see attached file) and reply to the Action Training ISOCS Committee composed by Action Coordinator of Training Schools, 2 MC Members/Substitutes, and Action Chair including Scientific Secretary (see contact data below).

The Applicant will be officially informed on the own candidature for ISOCS grant from the Grant Holder by means of an official email via the e-COST tool (<https://e-services.cost.eu/>), presumably at least 2 weeks before the school starts, in the due course.

However, a communication by email from Action Chair (or Action ISOCS Committee Delegate) to the granted Applicants will be sent in the due course when the selection will be concluded.

Basic Rules for Grant Application:

- **Aim:** strengthening the education of young researchers in the Action issues coming from the **COST Action Member States** and **approved NNC Institutions** to foster collaboration and cooperation in Science and Technology.
- **Number:** **3 grants** for young researchers from Action partnership and COST Countries signing MoU and approved NNC Institutions.
- **Applicant:** The Applicant is responsible for submitting his/her application **via email** to:
 - Action Training Schools Coordinator (aromano@el.ub.es)
 - MC IT Member and President ISOCS (sbervegl@ing.unibs.it)
 - MC UK Substitute and Steering Committee Member ISOCS (j.w.gardner@warwick.ac.uk)
 - Action Chair (michele.penza@enea.it)
 - Scientific Secretary (annamaria.demarinis@uniba.it)

COST Action TD1105 will assure gender balance and promote "women in science and technology".

- **Duration:** The ISOCS Short Course Winter covers 5 working days (Monday-Friday).
- **Finance:** An amount of **EUR 1000/grant** is awarded on competitive basis. Early Stage Researchers (ESR intended as PhD title plus < 8 years) are high priority for Training Short Course.
- **Submission:** The **Application Form** from Candidates should arrive **by email** to the COST Action management (see email contacts) timely **by deadline on 20 January 2014**.
- **Selection of the Grants:** Selection responsibility is of the Action. The Action's Training Schools Coordinator, supported by the listed Ad-Hoc Committee, will assess the received applications and will approval for grants. The selection criteria are high-quality CV and promising expertise as young researcher, previous international/national experience in host institutions, motivated participation at ISOCS Short Course Winter 2014. This decision will be given from Action Training Schools 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/>). In addition, the **granted Trainees** should register to the ISOCS Short Course 2014 (<https://www.olfactionsociety.org/wintercourse2014/registration>).
- **Registration:** The granted Applicant must use the **on-line e-COST registration tool** (<https://e-services.cost.eu/>). This system is the official tool for the COST reimbursement of the Granted Applicant.
- **Reimbursement:** The granted Applicant must use the **on-line e-COST registration tool** (<https://e-services.cost.eu/>) for reimbursement of the grant, under flat-rate management, **after event**. This system is the official tool for the COST reimbursement of the Granted Applicant.

Practical Info: A number of comfortable rooms to the ISOCS Short Course Winter Hotel at Les Houches, walking distance near venue of Short Course, have been reserved for Trainees and Trainers. The ISOCS Short Course Winter 2014 Director (*Dr. Christophe Pijolat*, Ecole des Mines de St-Etienne, France; cpijolat@emse.fr) will assist by updated news the granted applicants for booking the rooms at Les Houches, Chamonix Valley, France. 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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Coordinator of Action Training Schools Committee

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Prof. Giorgio Sberveglieri
MC IT Member and President ISOCS
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Prof. Julian W. Gardner
MC UK Substitute and Steering Committee Member ISOCS
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Dr. Annamaria Demarinis Loiotile
Scientific Secretary from Grant Holder institution
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Dr. Corinna Hahn
Action Grant Holder
Eurice GmbH, Germany
Email: c.hahn@eurice.eu

ISOCS Short Course Winter 2014

Dr. Christophe Pijolat
Director of ISOCS Short Course Winter 2014
Ecole des Mines de St-Etienne - France
Email: cpijolat@emse.fr

More info for **ISOCS Short Course Winter 2014** at the link:
<http://www.olfactionsociety.org/wintercourse2014>

The **ISOCS Short Course Winter 2014** takes place at Les Houches Physics School:
<http://houches.ujf-grenoble.fr>

Download the flyer **ISOCS Short Course Winter 2014**:
http://www.olfactionsociety.org/files/isocs_wintercourse2014_flyer.pdf

VERY IMPORTANT FOR COST ACTION GRANTED APPLICANTS

The official communications from COST Action management (Grant Holder and Action Chair) to the Applicants of the ISOCS Short Course Winter 2014 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:

- Action Training Schools Coordinator (aromano@el.ub.es)
- Action MC IT Member (sbervegl@ing.unibs.it)
- Action MC UK Substitute (j.w.gardner@warwick.ac.uk)
- Action Chair (michele.penza@enea.it)
- Action Scientific Secretary (annamaria.demarinis@uniba.it)

Date of Launch of the Call for Trainees: 12 January 2014