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## COST Action TD1105

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

# SECOND INTERNATIONAL WORKSHOP on New Sensing Technologies for Indoor and Outdoor Air Quality Control

**Brindisi (Italy), 25 - 26 March 2014**

**Palazzo Nervegna-Granafei (City Mayor Headquarters)  
Via Duomo, 20 - 72100 Brindisi, Italy**

<b>organized by</b> <b>ENEA - Brindisi Research Center</b>	
<b>supported by</b> <b>Brindisi Municipality</b>	

<b>AGENDA</b>	
<b>25 March 2014 - Tuesday</b>	
08:30 - 18:00	<b>REGISTRATION</b>
09:00 - 09:30	<b>Welcome Address</b>
09:30 - 11:00	<b>Session 1: Plenary Session</b>
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 13:00	<b>Session 2: Oral Presentation</b>
13:00 - 14:30	<i>Lunch</i>
14:30 - 16:00	<b>Session 3: Oral Presentation</b>
16:00 - 16:30	<i>Coffee Break</i>
16:30 - 18:30	<b>Session 4: Oral Presentation</b>
20:30 - 23:00	<i>Social Dinner</i>
<b>26 March 2014 - Wednesday</b>	
08:30 - 16:00	<b>REGISTRATION</b>
09:00 - 11:00	<b>Session 5: Oral Presentation</b>
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 13:00	<b>Session 6: Oral Presentation</b>
13:00 - 14:30	<i>Lunch</i>
14:30 - 15:30	<b>Session 7: Poster Presentation</b>
15:30 - 16:00	<i>Discussion and Coffee Farewell</i>
16:00	<b>Closure of Meeting</b>



## Background and goals

### About COST Action TD1105 EuNetAir

COST Action TD 1105 EuNetAir ([www.cost.eunetair.it](http://www.cost.eunetair.it)), a Concerted Action on *New Sensing Technologies for Air-Pollution Control and Environmental Sustainability*, is a running Networking funded in the framework *European Cooperation in the field of Scientific and Technical Research (COST)* during 2012-2016.

The main objective of the Concerted Action is to develop new sensing technologies for Air Quality Control at integrated and multidisciplinary scale by coordinated research on nanomaterials, sensor-systems, air-quality modelling and standardised methods for supporting environmental sustainability with a special focus on Small and Medium Enterprises.

This international Networking, coordinated by ENEA (Italy), includes over 75 big institutions from 28 COST Countries (EU-zone: *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*) and 7 Non-COST Countries (extra-Europe: *Australia, Canada, China, Morocco, Russia, Ukraine, USA*) to create a S&T critical mass in the environmental issues.

### About the Second International Workshop of COST Action TD1105 at Brindisi, 25-26 March 2014

The 2<sup>nd</sup> **International Workshop** on *New Sensing Technologies for Indoor and Outdoor Air Quality Control* will be held at ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development), Brindisi Research Center (Italy). This second workshop of the Action TD1105 *EuNetAir* follows the first organized at Barcelona (20 June 2013) as Satellite Event inside *Transducers 2013 - Eurosensors XXVII*, as planned in the MoU roadmap.

The **core-issues of the COST Action TD1105** on the new sensing technologies for indoor and outdoor monitoring and air quality control will be surveyed by Action partners with emphasis at sensor materials, functional materials, nanotechnologies for gas sensors, low-cost and low-power chemical sensors, portable systems, sensor-instrumentations, air-pollution modelling, methods, measurements and protocols for air quality control and environmental monitoring.

Speakers, experts, practitioners, stakeholders and other specialists from environmental agencies, academy and industry from Europe will be encouraged to participate and give a Talk on current state-of-art on the environmental research and existing critical issues in the ongoing Revision of the ***Air Quality Directive 2008/50/EC*** and ***EU Thematic Strategy on Air Pollution***. Fruitful discussions between Action TD1105 participants, international experts, regional managers, speakers, including international institutional organizations delegates and policy-makers are strongly expected. A strong impact on focusing of the critical environmental issues related to the new sensing technologies for indoor and outdoor monitoring and air quality control would be mutual benefit.

The accepted contributions (Oral/Poster) will be collected in a **Booklet** to be electronically distributed to the participants. Researchers, Scientists, External Experts, Managers, Early Stage Researchers will be involved from COST Countries signing Memorandum of Understanding (MoU) in open and balanced way.

### More Information

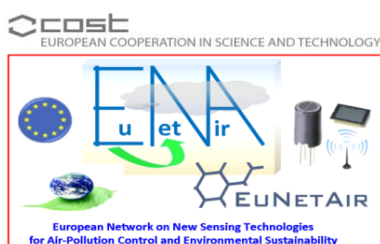
- Michele Penza, MC Chair/Proposer of *COST Action TD1105 EuNetAir*  
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- Marco Alvisi, Action SIG1 Leader and Local Organizing Committee Chair  
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## **SECOND INTERNATIONAL WORKSHOP on New Sensing Technologies for Indoor and Outdoor Air Quality Control**

**Brindisi (Italy), 25 - 26 March 2014**

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### **Action Second Workshop Programme Committee**

**Michele Penza**, ENEA, Brindisi, Italy  
**Marco Alvisi**, ENEA, Brindisi, Italy  
**Anita Lloyd Spetz**, Linköping University, Sweden  
**Juan Ramon Morante**, IREC and Universitat de Barcelona, Spain  
**Eduard Llobet**, Universitat Roviri i Virgili, Tarragona, Spain  
**Andreas Schuetze**, Saarland University, Germany  
**Ole Hertel**, Aarhus University, Denmark  
**Ingrid Bryntse**, SenseAir AB, Sweden  
**Jan Theunis**, VITO, Belgium

### **Local Organizing Committee**

**Marco Alvisi**, ENEA, Brindisi, Italy - *Local Chair*  
**Domenico Suriano**, ENEA, Brindisi, Italy - *Local Member*  
**Annamaria Demarinis Loiotile**, University of Bari, Italy - *Secretary*  
**Corinna Hahn**, Eurice GmbH, Saarbrücken, Germany - *Grant Holder*

URL: [www.cost.eunetair.it](http://www.cost.eunetair.it)

### **COST Action TD1105 EuNetAir Steering Committee**

**Michele Penza**, ENEA, Brindisi, Italy - *Action Chair*  
**Anita Lloyd Spetz**, Linköping University, Sweden - *Action Vice-Chair*  
**Juan Ramon Morante**, IREC, Spain  
**Andreas Schuetze**, Saarland University, Germany  
**Ole Hertel**, Aarhus University, Denmark  
**Ingrid Bryntse**, SenseAir AB, Sweden  
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**Iveta Steinberga**, University of Latvia, Riga, Latvia  
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**Julian Gardner**, University of Warwick, UK  
**Rod Jones**, University of Cambridge, UK  
**Giorgio Sberveglieri**, University of Brescia, Italy  
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