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COST Action TD1105
European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability - EuNetAir

FOCUS GROUP MEETING on Innovation on Environmental Sensor Technologies

Munich (Germany), 29 April 2015

SIEMENS AG - Corporate Technology - Meeting Room: 31425

Otto-Hahn-Ring 6, 81739 Munich, Germany

organized and hosted
by
SIEMENS AG



AGENDA	
29 April 2015 - Wednesday	
09:30 - 16:00	REGISTRATION
10:00 - 10:10	Welcome Address
10:10 - 11:30	Session 1: Oral Presentations
11:30 - 12:00	<i>Coffee Break</i>
12:00 - 13:00	Session 2: Oral Presentations
13:00 - 14:30	<i>Lunch</i>
14:30 - 16:30	Session 3: Discussion on Methodology and Preliminary Drafting of Report on Innovation
16:30	<i>Closure of Meeting</i>



Background and goals

About COST Action TD1105 *EuNetAir*

COST Action TD 1105 *EuNetAir*, 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 80 big institutions from 31 COST Countries (EU-zone: *Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, 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*) and 7 International Partners Countries (extra-Europe: *Australia, Canada, China, Morocco, Russia, Ukraine, USA*) to create a S&T critical mass in the environmental issues.

About the *EuNetAir Focus Group* at Siemens, Munich, 29 April 2015

This ***EuNetAir Focus Group*** on ***Innovation on Environmental Sensor Technologies*** will be held at Siemens AG - Corporate Technology, at Munich (Germany) under local management of the Siemens AG - Research and Technology Center, and locally coordinated by Dr. Oliver von Sicard (WG Member) and Dr. Roland Pohle. This Focus Group of the Action TD1105 *EuNetAir* will deal with the innovation on environmental sensors and air quality sensor systems to address some future research and innovation initiatives.

The core-issues of the COST Action TD1105 on the new sensing technologies for indoor and outdoor monitoring and air quality control will be focused in order to write a proper Report as Action outcome to be completed within the end of the Action (May 2016).

Fruitful discussions on innovation on environmental sensor technologies between Action TD1105 participants, experts, speakers and delegates are strongly expected. At the ***Focus Group Meeting*** of the COST Action TD1105 *EuNetAir*, a strong impact on air quality control sensors would be mutual benefit.

More Information

Dr. Michele PENZA

*MC Chair/Proposer of COST Action TD1105 *EuNetAir**

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

Technical Unit for Materials Technologies - Brindisi Research Centre

PO BOX 51 Br-4, I-72100 Brindisi, ITALY. Email: michele.penza@enea.it. Action webpages: www.cost.eunetair.it

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Siemens AG, Corporate Technology

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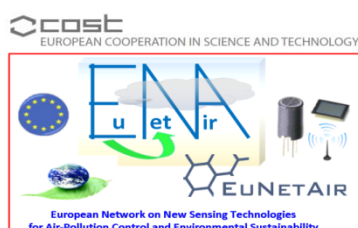


FOCUS GROUP MEETING on *Innovation on Environmental Sensor Technologies*

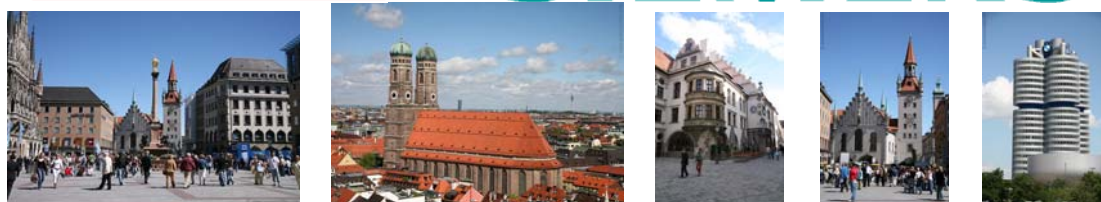
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Action Focus Group Programme Committee

Michele Penza, ENEA, Brindisi, Italy
Oliver von Sicard, Siemens, Germany
Roland Pohle, Siemens, Germany
Marco Alvisi, ENEA, Italy
Carlos Borrego, IDAD, University of Aveiro, Portugal
Ole Hertel, Aarhus University, Denmark
Nuria Castell, NILU, Kjeller, Norway
Foysoh Mohamed Chowdhury, CCMOSS Ltd, UK
Albert Romano-Rodriguez, Universitat de Barcelona, Spain
Anita Lloyd Spetz, Linköping University, Sweden
Andreas Schuetze, Saarland University, Germany
Ingrid Bryntse, SenseAir AB, Sweden
Juan Ramon Morante, IREC, Spain
Kostas Karatzas, Aristotle University of Thessaloniki, Greece
Corinna Hahn, Eurice GmbH, Germany
Juliane Roszbach, Eurice GmbH, Germany
Annamaria Demarinis Loiotile, University of Bari, Italy

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
Jan Theunis, VITO, Belgium
Marco Alvisi, ENEA, Brindisi, Italy
Gianluigi De Gennaro, University of Bari, Italy
Fabio Galatioto, Newcastle University, UK
Ralf Moos, University of Bayreuth, Germany
Mar Viana, CSIC-IDAEA, Barcelona, Spain
Iveta Steinberga, University of Latvia, Riga, Latvia
Corinna Hahn, Eurice GmbH, Saarbrücken, Germany - *Grant Holder*
Julian Gardner, University of Warwick, UK
Rod Jones, University of Cambridge, UK
Giorgio Sberveglieri, University of Brescia, Italy
Eduard Llobet, Universitat Roviri i Virgili, Tarragona, Spain
Thomas Kuhlbusch, IUTA eV, Duisburg, Germany
Albert Romano-Rodriguez, Universitat de Barcelona (UB), Spain
Carlos Borrego, IDAD, University of Aveiro, Portugal
Annamaria Demarinis Loiotile, University of Bari, Italy - *Secretary*

URL: www.cost.eunetair.it



Wednesday, 29 April 2015

COST Action TD1105 EuNetAir FOCUS GROUP MEETING

SIEMENS AG - Corporate Technology - Meeting Room: 31425

Otto-Hahn-Ring 6, 81739 Munich, Germany

09:30 - 16:00 COST Event Registration

10:00 - 10:10 *Welcome Address*

Chairperson: Oliver von Sicard, Siemens AG, Munich, Germany

Welcome: Delegate of Siemens AG

Oliver von Sicard, Siemens AG, Munich, Germany

Welcome: COST Action TD1105 EuNetAir

Michele Penza, Action Chair, ENEA, Brindisi, Italy

10:10 - 11:30 *Session 1 - Oral Presentations*

Chairperson: Michele Penza, Action Chair - ENEA, Brindisi, Italy

10:10 - 10:30 COST Action TD1105: Plan of Report on Innovation on Environmental Sensor Technologies
Michele Penza, Action Chair, ENEA, Brindisi, Italy

10:30 - 11:00 COST Action TD1105: Concept of Innovation on Environmental Sensor Technologies
Marco Alvisi, SIG1 Leader, ENEA, Brindisi, Italy

11:00 - 11:30 First Discussions on Report on Innovation on Environmental Sensor Technologies
Action Participants, Munich, Germany

11:30 - 12:00 Coffee Break

12:00 - 13:00 *Session 2 - Oral Presentations*

Chairperson: Michele Penza, Action Chair - ENEA, Brindisi, Italy

12:00 - 12:10 Proposal for Report on Innovation on Environmental Sensor Technologies
Andreas Schuetze, MC Member, Saarland University, Germany

12:10 - 12:20 Proposal for Report on Innovation on Environmental Sensor Technologies
Albert Romano-Rodriguez, MC Substitute, Universitat de Barcelona, Spain

12:20 - 12:30 Proposal for Report on Innovation on Environmental Sensor Technologies
Mohamed Foyso Chowdhury, WG Member, CCMOSS Ltd, Cambridge, UK

12:30 - 12:40 Proposal for Report on Innovation on Environmental Sensor Technologies
Markus Noren, WG Member, SenseAir AB, Delsbo, Sweden

12:40 - 12:50 Proposal for Report on Innovation on Environmental Sensor Technologies
Carlos Borrego, MC Member, IDAD and University of Aveiro, Aveiro, Portugal

12:50 - 13:00 Proposal for Report on Innovation on Environmental Sensor Technologies
Ole Hertel, MC Member, Aarhus University, Aarhus, Denmark

13:00 - 14:30 Lunch Break



14:30 - 16:30

Session 3 - Discussion and Drafting of the Report on Innovation

Chairperson: Michele Penza, Action Chair - ENEA, Brindisi, Italy

Other Participants joined to Munich Meeting:

Jens Eriksson, WG Member, Linköping University, Linköping, Sweden

Zafer Ziya Ozturk, MC Member, GEBZE Institute of Technology, Istanbul, Turkey

Kostas Karatzas, MC Member, Aristotle University of Thessaloniki, Greece

Anton Kock, MC Member, Materials Center Leoben Forschung GmbH (MCL), Leoben, Austria

Annamaria Demarinis, Core-Group Scientific Secretary, University of Bari, Italy

Discussions from COST Action TD1105 Partners

Preliminary Drafting of the Report on Innovation on Environmental Sensor Technologies

14:30 - 16:30

Definitions and Timing for Further Work on Report

Planning of Joint-Publication(s) on Sensors Innovation

Planning of a Report on Sensors Innovation

16:30

Closure of Meeting

Munich (Germany) View



COST is supported
by the EU Framework Programme



ESF provides the COST Office
through a European Commission contract



FOCUS GROUP MEETING on *Innovation on Environmental Sensor Technologies*

Munich (Germany), 29 April 2015

SIEMENS AG - Corporate Technology

Otto-Hahn-Ring 6, 81739 Munich, Germany

Siemens AG - Corporate Technology, Munich (Germany), Otto-Hahn-Ring 6

**Travel directions to Siemens Corporate Research and Technology
Otto-Hahn-Ring 6, 81739 München, Germany
+49 89 636 48724 (Oliver von Sicard)**

SIEMENS



As seen from
subway station

Arriving by train:

From Munich Central Railway Station (Hauptbahnhof) take the suburban rapid transit (S-Bahn) line S7, towards "Höhenkirchen/Kreuzstrasse," getting off at Neuperlach Süd station (9 stations) or from Munich Central Railway Station (Hauptbahnhof) take the underground (U-Bahn) line U5 towards "Neuperlach Süd," getting off at Neuperlach Süd station (11 stations).

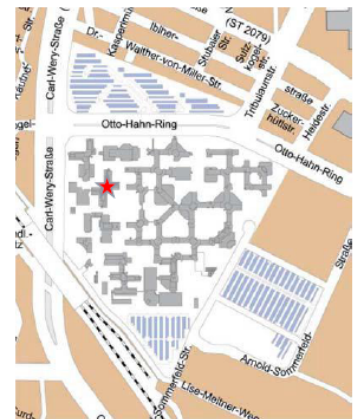
The south entrance "Eingang Süd" to Siemens AG can be seen from the station.

Arriving by air:

From Munich Airport take the suburban rapid transit (S-Bahn) line S8 to Munich Eastern Railway Station (Ostbahnhof) (9 stations). - Transfer there to underground light rail (U-Bahn) line U5 toward "Neuperlach Süd," getting off at Neuperlach Süd station (6 stations), - or else take the suburban rapid transit (S-Bahn) line S6, toward "Höhenkirchen/ Kreuzstrasse," getting off at Neuperlach Süd station (4 stations).

At the Entrance:

Ask for Oliver von Sicard (-48724)
Proceed to Building 31, Room 459



Hotels:

We would recommend not to stay near the Siemens site but in central Munich. The old town is very lively and nice to visit. The Public Transport is very good and from the city center to Siemens it takes only about 20-30min. Here you can find several **Hotels:**

<http://www.booking.com/index.en-gb.html?sid=038bea03ae66cf54cc25775f17f3ba20;dcid=1>

<http://www.muenchen.de/int/en/accomodation-hotels.html>