List of Joint-Publications in international peer-reviewed journals involving two or more Action’s partners, published or submitted since 2013 - Year 2.


List of Action’s Outreach activities: conference talks, seminars, workshops, Ph.D. defenses, short notes, interviews, lectures, leaflets, flyers where the Action aims and scope were presented to a broader audience - Year 2.

1. M. Penza (ENEA, IT), *Overview of COST Action TD1105 EuNetAir*, given at 14th International Meeting on Chemical Sensors (IMCS-2012), Nurnberg (Germany), 20-23 May 2012. **INVITED TALK** in a Special Session Part I and Part II with other 12 Speakers from COST Action EuNetAir inside IMCS-2012.


5. A. Ponzoni (CNR-IDASC, IT), *Surface Ionization on Metal Oxide Gas Sensors*, given at 14th International Meeting on Chemical Sensors (IMCS-2012), Nurnberg (Germany), 20-23 May 2012. **INVITED TALK** in a Special Session Part I and Part II with other 12 Speakers from COST Action EuNetAir inside IMCS-2012.


7. A. Schuetze (Saarland University, DE), *Chemical Sensors for Indoor Applications*, given at 14th International Meeting on Chemical Sensors (IMCS-2012), Nurnberg (Germany), 20-23 May 2012. **INVITED TALK** in a Special Session Part I and Part II with other 12 Speakers from COST Action EuNetAir inside IMCS-2012.

8. A. Lloyd-Spetz (Linkoping University, SE), *Chemical sensor systems for emission control from combustions*, given at 14th International Meeting on Chemical Sensors (IMCS-2012), Nurnberg (Germany), 20-23 May 2012. **INVITED TALK** in a Special Session Part I and Part II with other 12 Speakers from COST Action EuNetAir inside IMCS-2012.


18. J. Lappalainen (Oulu University, FI), Tailoring of WO3 and V2O5 Nanostructures for Gas Sensing Applications, given at VIII International Workshop on Semiconductor Gas Sensors (SGS-2012), Cracow (Poland), 11-15 September 2012. INVITED TALK in an Open Special Session with other 6 Speakers from COST Action EuNetAir inside SGS-2012.

19. J. Brunet (Université Blaise Pascal, FR), Original sensing devices based on phthalocyanines and nanocarbons for the monitoring of atmospheric gaseous pollution, given at VIII International Workshop on Semiconductor Gas Sensors (SGS-2012), Cracow (Poland), 11-15 September 2012. INVITED TALK presented as supported by the COST Action EuNetAir and in agreement with the main objectives of this Action.


22. C. Hueglin (EMPA, CH), , given at International Workshop on Information Systems for Quality of Life Services (ISQL-2012), Halkidiki (Thessaloniki, Greece), 27-30 September 2012. INVITED TALK in an Open Tutorial with other 3 Speakers from COST Action EuNetAir inside ISQL-2012.


25. A. Goldoni (ELETTRA, IT), Carbon nanotubes as chemical sensors: true and false stories, given at 4th International Symposium on Transparent Conductive Materials (TCM-2012), Hersonissos (Crete, Greece), 21-26 October 2012. INVITED TALK in an Open Satellite Workshop with other 5 Speakers from COST Action EuNetAir inside TCM-2012.


29. M. Penza (ENEA, IT), *Overview of COST Action TD1105 EuNetAir*, given at XVII Italian National Meeting on Sensors and Microsystems, Brescia (Italy), 5-7 February 2013. INVITED TALK.

30. M. Penza (ENEA, IT), *Overview of COST Action TD1105 EuNetAir*, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

31. A. Borowiak (JRC-Ispra, IT), *The AQUILA Network for Air Quality Assurance and Quality Control Programmes in Europe*, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

32. O. Turos (Marzeyev Institute, UA), *Air Quality in Ukraine: Measurement Methods and Applied Technologies*, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

33. H. Gawronska (Warsaw University of Life Science, PL), *Measurement of PM Pollutants Accumulated on Plants Leaves in Poland*, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

34. Z. Ferenczi (Hungarian Meteorological Service, HU), *Air Quality Measurements and Modelling in Hungary*, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

35. R. Zabkar (University of Ljubljana, SI), *Air Quality Modelling in Slovenia*, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

36. S. Chicherin (Main Geophysical Observatory, RU), *Assessment of Air Quality in Cities of Russian Federation: Monitoring, Modeling, Health Aspects*, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

37. O. Kislova (SEPI Mosecomonitoring, RU), *Air Quality Monitoring System in the Moscow Region: Measurement Methods and Techniques*, given at Special Session Environmental Case-Studies and
Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

38. D. Syrakov (Bulgarian Academy of Sciences, BG), Emergency Response and Chemical Weather Forecast Systems in NIMH, Bulgaria, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

39. I. Steinberga (University of Latvia, LV), Air Quality Modelling in Latvia: Challenges and Failures, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

40. G. Mocnik (Aerosol doo, SI), Source Apportionment of Carbonaceous Aerosols and Other Pollutants in Central Europe, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

41. I. Atanasov (Ministry of Environment and Physical Planning, MK), Air Quality Monitoring in the Republic of Macedonia, given at Special Session Environmental Case-Studies and Critical Hot-Spots from Mediterranean, Central and Eastern Europe inside AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013. INVITED TALK in the Open AMT Workshop with other 12 Speakers from COST Action EuNetAir inside AirMonTech workshop.

42. R. L. Jones, (University of Cambridge, UK), Small is beautiful, low cost sensor networks start to show what they can do, INVITED TALK as part of the AirMonTech (AMT) FP7 project workshop, Duisburg (Germany), 4-6 March 2013.


44. Danick Briand (EPFL, CH) et al., All additive inkjet printed capacitive chemical gas sensors on flexible foil, ICT OPEN 2012, Rotterdam, The Netherlands, October 22-23rd 2012.

45. Danick Briand (EPFL, CH) et al., Integration of flexible devices into smart textile, 1st Workshop on Materials Science and Technology, Bari, Italy, January 18th 2012.

46. J. Brunet (Université Blaise Pascal, FR), Nanocarbonaceous filters for the achievement of highly sensitive and selective NO2 monitoring by means of phthalocyanine-based resistive sensors, given at the 26th European conference on solid-state transducers (Euroensors 2012), Cracow (Poland), 9-12 September 2012, Cracow (Poland). ORAL LECTURE presented as supported by the COST Action EuNetAir and in agreement with the main objectives of this Action.

47. M. Bouvet, Overview of the COST Action TD1105 EuNetAir, given at the Meeting of the Club des Microcapteurs Chimiques (CMC2; Club of Chemical Microsensors), Nantes, France, 2012.


55. “*Participatory sensing for quality of life*”, Athanasios Panagiotidis. 4th year project at the Dept. of Informatics, University of Edinburgh, in progress. Supervisors: Prof. John Lee and Prof. Kostas Karatzas.


57. J. Saffell, R. Baron (Alphasense, UK), M. Mead, R. Jones (University of Cambridge), *Use of low cost wireless networks to monitor indoor air quality*, given at the 2013 Annual UK Review Meeting on Outdoor and Indoor Air Pollution Research, Cranfield University, April 2013.


**OUTREACH activities**

1. M. Penza (ENEA, IT), *INTERVIEW on Nantotechnologies and Nanosensors for Air Quality Monitoring from Action Chair (M. Penza) to Dr. Meyya Meyyappan (Chief Scientist), NASA Ames Research Center*, given at 1st Scientific International Meeting of COST Action TD1105, Rome (Italy), 4-6 December 2012. Video-Audio at Action webpages (www.cost.eunetair.it).

2. M. Penza (ENEA, IT), *INTERVIEW on News of the Action Meeting to Italian ENEA Web-TV on Science and Technology* (http://www.youtube.com/eneanews; http://www.enea.it/it) from M. Penza (Action Chair), ENEA, Italy; Dr. Meyya Meyyappan (Chief Scientist), NASA Ames Research Center, CA (USA); Dr. Hans-Guido Muecke, WHO Europe CC at Federal Environmental Agency, Berlin (Germany) given at 1st Scientific International Meeting of COST Action TD1105, Rome (Italy), 4-6 December 2012. Video-Audio at Action webpages (www.cost.eunetair.it).

3. M. Coutinho (IDAD, PT), dissemination of the COST Action TD1105 activities at the IDAD website (www.ua.pt/idad/).


8. T.-H. Tran-Thi, Formaldehyde sensor on radio RTL: écouter le podcast


15. Action NEWSLETTER: Issue 1 and Issue 2; edited by Editorial Board, chaired by Prof. Ralf Moos, and managed by Dr. Daniela Schonauer-Kamin (University of Bayreuth, Germany). (see Action website).

16. Action BROCHURE/LEAFLET: Issue 1; edited by Editorial Board, chaired by Prof. Ralf Moos, and managed by Dr. Daniela Schonauer-Kamin (University of Bayreuth, Germany). (see Action website).

17. Action’s website was published: http://www.cost.eunetair.it/