

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

COST Action TD1105

## WGs & MC Meeting

*New Sensing Technologies for Indoor Air Pollution Monitoring and Environmental Measurements*

organized and hosted by Bulgarian Academy of Sciences  
Sofia, Bulgaria, 16 - 18 December 2015

Action Start date: 01/07/2012 - Action End date: 15/11/2016 - Year 4: 2015-16 (*Extended Action*)

## *Inputs and Upcoming Events*

 **COST**  
EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY



**Michele Penza**

Function in the Action: Action Chair

ENEA - Brindisi, Italy

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# FIFTH SCIENTIFIC MEETING

## Working Groups and Management Committee

organized by Bulgarian Academy of Sciences  
Institute of Electronics and National Institute for Meteorology and Hydrology  
Sofia (Bulgaria), 16 - 18 December 2015

hosted at Bulgarian Academy of Sciences - Conference Hall  
11 November Street, 1 - 1000 Sofia, Bulgaria

Meeting AGENDA	
<b>16 Dec. 2015 - Wednesday</b>	
08:30 - 18:00	<b>REGISTRATION</b>
09:00 - 09:30	<b>WELCOME SESSION</b>
09:30 - 11:00	<b>PLENARY SESSION 1: Invited Talks</b>
11:00 - 11:30	<i>Coffee-Break</i>
11:30 - 13:00	<b>PLENARY SESSION 2: Invited Talks</b>
13:00 - 14:30	<i>Lunch</i>
14:30 - 16:30	<b>WG1-WG2 Meeting</b>   <b>WG3-WG4 Meeting</b>
16:30 - 17:00	<i>Coffee-Break</i>
17:00 - 18:30	<b>WG1-WG2 Meeting</b>   <b>WG3-WG4 Meeting</b>
18:30	<i>Gathering of Day</i>
18:30 - 19:30	<i>Welcome Party</i>
<b>17 Dec. 2015 - Thursday</b>	
09:00 - 18:00	<b>REGISTRATION</b>
09:00 - 09:30	<b>Wrap-Up and Inputs from Action TD1105</b>
09:30 - 10:30	<b>KEYNOTE SESSION</b>
10:30 - 11:00	<i>Coffee-Break</i>
11:00 - 12:30	<b>SIG SESSIONS: SIG1-SIG4 Meeting</b>
12:30 - 14:00	<i>Lunch</i>
14:00 - 15:00	<b>ROUNDTABLE: Which Future for AQ Sensors?</b>
15:00 - 16:00	<b>POSTER SESSION</b>
16:00 - 16:30	<i>Coffee-Break</i>
16:30 - 18:00	<b>Action WGs/SIGs GENERAL ASSEMBLY</b>
18:00	<b>CONCLUSIONS</b>
19:30	<i>Social Dinner</i>
<b>18 Dec. 2015 - Friday</b>	
09:30 - 13:00	<b>8<sup>th</sup> MANAGEMENT COMMITTEE MEETING</b>
13:00 - 14:00	<i>Lunch</i>
14:30	<b>Meeting Closing</b>



# Year 4: Scientific Planning of *EuNetAir* (1/2)

Meetings/Workshops/Training Schools planned for upcoming year  
(Year 4: 1 July 2015 - 15 May 2016): EXTENSION: 15 Nov. 2016

- **WG1-WG4 Meeting** on *Air Quality Monitoring and Calibration: Horizons in Sensing Technologies, Methods and Modelling - Start of the 2<sup>nd</sup> EuNetAir Air Quality Joint-Exercise Intercomparison* organized by the VINCA Institute, Belgrade (**Serbia**), 13 - 14 Oct. 2015. Local organizer: Dr. Milena Jovasevic-Stojanovic, VINCA and Anka Cvetkovic, Public Health Institute of Belgrade
- The **4<sup>th</sup> International Workshop of the COST Action TD1105** on *Innovations and Challenges for Air Quality Control Sensors* at FFG (National AT COST Office), Wien (**Austria**), 25 - 26 February 2016. Local organizer: Dr. Anton Kock, MCL
- The **Action 4<sup>th</sup> International Training School** on *Modelling, Methods and Technologies for Air Quality Control* at Emdrup Campus in Copenhagen, by Aarhus University (**Denmark**), 19 - 22 April 2016. Local organizer: Prof. Ole Hertel, Aarhus University. Trainees: 13-15 expected. Trainers: 3-4 expected.

# Year 4: Scientific Planning of *EuNetAir* (2/2)

MC/WG Meetings planned for the upcoming year

(Year 4: 1 July 2015 - 15 May 2016): EXTENSION: 15 Nov. 2016

- **5<sup>th</sup> SCIENTIFIC MEETING: WGs Meeting and 8<sup>th</sup> MC Meeting on New Sensing Technologies for Indoor Air Pollution Monitoring and Environmental Measurements** at Bulgarian Academy of Sciences, Sofia (**Bulgaria**), 16 - 18 Dec. 2015. Local organizers: Prof. Ivan Nedkov and Prof. Dimiter Syrakov, BAS
- **6<sup>th</sup> SCIENTIFIC MEETING: WGs Meeting and 9<sup>th</sup> MC Meeting on New Sensing Technologies for Outdoor Air Quality Monitoring** at Czech Academy of Sciences, Prague (**Czech Republic**), 5 - 7 October 2016. Local Organizers: Prof. Zdenek Zelinger, Dr. Vera Kurkova, Dr. Roman Neruda, CAS
- **Special Session EuNetAir / Core-Group Meeting** to **EUROSENSORS 2015**, Freiburg (**Germany**), 6 - 10 September 2015

**EuNetAir at 2<sup>nd</sup> Consultation Meeting on  
the Global Platform on Air Quality and Health**

WHO Geneva, 18-20 August 2015, *Meeting Report - DRAFT 23.09.2015*



**Session 3, cont.** Low cost AQ monitoring

- Portable Sensor-Systems for Air Quality Monitoring: The case-study of EuNetAir (*M. Penza – remote presentation*)
- Experiences of USEPA (*T. Watkins – remote presentation*)

*Discussion: Perspectives for application of low cost sensors for AQ monitoring*



# EuNetAir at **WEBINAR on CLIMATE ADAPT**

Copenhagen, **16 Dec. 2015**, 11:30-13:00 (CET) **Webinar**

European Environment Agency



Hereby I would like to invite the European climate change adaptation research community and related funding organisations to a second webinar on the progress in and the development of the European Climate Adaptation Platform (Climate-ADAPT). I would also like to invite the national reference centres on climate change impacts, vulnerability and adaptation in EEA member countries and experts from the European Commission, international organisations, transnational initiatives and cities networks on adaptation.

André Jol

EEA Head of Group Climate change impacts, vulnerability and adaptation

## EU funded research initiatives:

Climate-KIC (Innovation Pillar, Policy), Cost Action (Actions ES1404, **TD 1105**, ES1102, ES1106)

# Symposium planned at EMRS Spring Meeting 2016

Lille (France), 2-6 May 2016

## Advanced Functional Materials for Environmental Monitoring Sensors and Energy Systems Applications

Proceedings of Symposium EMRS Spring Meeting 2016 to be published under peer-review process in *Beilstein Journal of Nanotechnologies* (IF 2014: 2.3)

• **Peer-review process** Open Access journal without publication fee (<http://www.beilstein-journals.org/bjnano>).

### • Symposium Organizers:

- ✓ Michele Penza, ENEA, Italy
- ✓ Anita Lloyd Spetz, Linkoping University, Sweden
- ✓ Albert Romano-Rodriguez, Barcelona University, Spain
- ✓ Meyya Meyyappan, NASA Ames Research Center, USA

• Deadline for abstract submission: **15 January 2016**



<http://www.emrs-strasbourg.com>





# **Symposium PM4 at 2016 MRS Fall Meeting & Exhibit** **Boston (USA), 27 November - 2 December 2016**

## *Novel Materials, Fabrication Routes and Devices for Environmental Monitoring*

• *Symposium Organizers:* <http://www.mrs.org/fall2016>

- ✓ Michele Penza, ENEA, Italy
- ✓ Ruby Ghosh, Michigan State University, USA
- ✓ Albert Romano-Rodriguez, Barcelona University, Spain
- ✓ Meyya Meyyappan, NASA Ames Research Center, USA

• **Deadline for abstract submission: 16 June 2016**

# OUTREACH ACTIVITIES from Action TD1105

## COST Action TD1105 - EuNetAir

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

Action website:

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

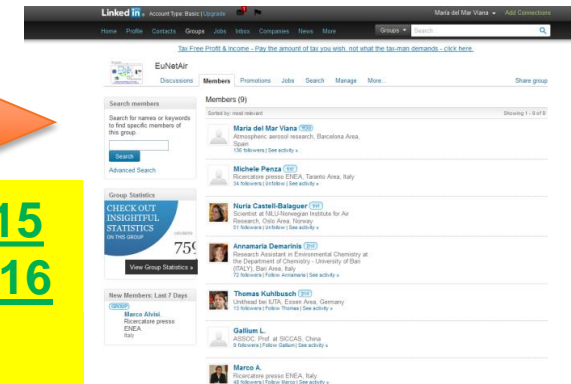
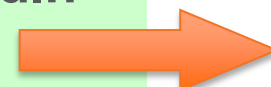
hosted by ENEA

Dr. Marco Alvisi, Webmaster Coordinator

Sebastiano Dipinto, Valerio Pfister, Gianfranco Zingarelli, Webmaster Team

Social Scientific ESRs Network (SSEN) by LinkedIn

Members: >80 - Moderators: M. Viana, M. Minguillon



4° CALL for Short Exchange Visits launched on September 2015  
Short Term Scientific Mission: **9 TO BE FUNDED** by 30 April 2016

Dr. Jan Theunis, STSM Coordinator EuNetAir



EuNetAir Newsletter

COST Action TD1105 Iss. 1/Dec 2012

Opening Editorial

- Issue 1: published on Dec. 2012 ✓
- Issue 2: published on June 2013 ✓
- Issue 3: published on Dec. 2013 ✓
- Issue 4: published on June 2014 ✓
- Issue 5: published on Dec. 2014 ✓
- Issue 6: published on June 2015 ✓
- Issue 7: published on Dec. 2015 ✓

Prof. Ralf Moos, Editor-in-Chief

Dr. Daniela Schonauer-Kamin, Editorial Board Manager

# Contact Details



CSO Approval: 01 Dec. 2011  
Kick-off Meeting: 16 May 2012  
Start of Grant: 01 July 2012  
End of Grant: 15 Nov. 2016

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

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[http://www.cost.eu/domains\\_actions/essem/Actions/TD1105](http://www.cost.eu/domains_actions/essem/Actions/TD1105)

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***TD1105 selected as Top-Story  
by COST Association***



Taking charge of air quality control in Europe's smart, green cities



A COST funded network of European spin-offs, SMEs, agencies, research centres and universities is working on developing cheaper and energy efficient sensors for air quality control in Europe's future smart cities.

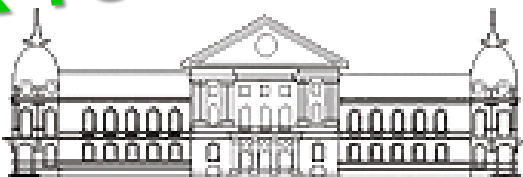
▶ full story

# ACKNOWLEDGEMENTS

Sofia, Bulgaria, 16 - 18 December 2015



**THANK YOU VERY MUCH FOR YOUR KIND ATTENTION !**



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ACADEMY  
of SCIENCES**  
— 1869 —



**BAS - Institute of Electronics**

**BAS - National Institute for  
Meteorology and Hydrology**

