



European Materials
Research Society

Spring
Meeting
2016

From May 2nd to 6th
Lille Grand Palais - France

Symposium X

Functional materials for environmental sensors and energy systems

Venue: Room Matisse 1-2 (Level 8)

AGENDA

	Monday 2 May	Tuesday 3 May	Wednesday 4 May	Thursday 5 May	Friday 6 May
09.00 - 10.00	Registration	ORAL	ORAL	ORAL	ORAL
10.30 - 12.30		ORAL	ORAL	ORAL	
12.30 - 14.00	LUNCH				
14.00 - 15.30	ORAL	ORAL	POSTER	ORAL	
15.30 - 16.00	COFFEE BREAK				
16.30 - 18.30	POSTER GSA Comp.	ORAL	PLENARY	ORAL	



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Hot Topics covered by Symposium X

- *Advanced gas sensing semiconducting materials*
- *Hybrid materials and nanocomposites for chemical sensing*
- *Catalytic sensing materials*
- *Metal oxides for chemical sensing and/or energy applications*
- *Carbon-based materials for chemical sensing and/or energy applications*
- *Piezoelectric and/or thermoelectric materials for energy harvesting applications*
- *New nanotech sensors for monitoring gaseous and liquid pollutants*
- *Ab initio modeling of gas/surface interaction*
- *Surface-sensitive spectroscopies for studying sensor/gas interaction*
- *Modeling of materials, devices and sensor systems*
- *Functional applications of environmental sensors and/or energy systems*



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Special Issue to be published in Thematic Series:

***Beilstein Journal of Nanotechnology* (2014 IF: 2.67)**

*Open Access: Free for authors & readers
published by Beilstein Institut*

Deadline for Electronic Submission: 30 June 2016
Special Issue Expected Publication: December 2016

URL: <https://www.beilstein-journals.org/bjnano>



BEILSTEIN JOURNAL OF NANOTECHNOLOGY

Guest Editors of Special Issue:

- **Michele Penza**, ENEA, Italy.
- **Anita Lloyd Spetz**, Linköping University (Sweden) and Oulu University (Finland).
- **Albert Romano-Rodriguez**, University of Barcelona, Spain.
- **Meyya Meyyappan**, NASA, USA.

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Graduate Student Awards by Symposium X

AWARD BENEFITS:

each award will comprise a **450 EUR** cash prize accompanied with a diploma.

Diploma will be delivered during the Plenary Session:

WEDNESDAY MAY 4, 2016 at 18:30

GSA Competition Session:

Room Matisse 1-2 (Level 8)

MONDAY MAY 2, 2016 at 16:30

8 CANDIDATES Applied

GSA Symposium X Committee: 5 Members

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Albert ROMANO-RODRIGUEZ
University of Barcelona, Spain



Anita LLOYD SPETZ
Linköping University, Sweden
Oulu University, Finland



Meyya MEYYAPPAN
NASA, USA



Michele PENZA
ENEA, Italy



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SPONSOR of Symposium X



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SUPPORT from:



COST Action TD1105 EuNetAir:

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



EuNetAir Partnership:

- 31 COST Countries
- 7 Non-COST Countries
- 200 Experts Involved
- 120 Research/Industry Teams
- **Networking Activities**

Talk on COST Action TD1105 - M. Penza
Symposium X - WED. May 3, 09:45
Room Matisse 1-2

www.cost.eunetair.it

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SUPPORT from:

ESSC - European Sensor Systems Cluster



The European Sensor Systems Cluster

Talk on ESSC - M. Penza
Symposium X - FRI. May 6, 09:45
Room Matisse 1-2

ESSC Partnership:

- **6 Working Groups**
- **9 SC Members**
- **8 Core-Partners**
- **120 Research/Industry Participants**
- **Advice for EC on Sensor Systems**

www.cluster-essc.eu

www.european-mrs.com



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Abstracts Submitted (<i>Symposium X Top-7 out of 34</i>):	158
Abstracts Accepted:	155
Rate of Rejection/Move Other Symposia:	2% (3)
Invited SPEAKERS:	18
Contributed Speakers:	48
Poster Presentations:	89
Number of ORAL Sessions:	13
Number of POSTER Sessions:	2
Special Talk COST Action TD1105 (Tuesday, 3 May, 9:45)	
Special Talk ESSC (Friday, 5 May, 9:45)	
Invited Speakers (Conference-Fee Waive):	4
Granted Early Stage Researchers (Fee-Waive):	5
Symposium Assistants:	2
Miscellaneous (Graduate Students Awards):	2
Participants: Europe (83%); Asia/Oceania (12%); Americas (5%).	



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MANY THANKS from Symposium Organizers to:

- Invited Speakers
- Contributed Speakers
- Participants
- Poster Presenters
- Session Chairs
- Symposium Assistants
- Students of the GSA Competition
- Sponsor(s)
- COST Action TD1105
- ESSC
- Symposium Steering Committee
- Conference Organizers

ENJOY YOUR SYMPOSIUM X in Lille !

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