



European Materials
Research Society

Symposium B

Advanced Functional Materials for Environmental Monitoring and Applications

Venue: Room Van Gogh 1.2 (Level 8)

AGENDA

	Monday 26 May	Tuesday 27 May	Wedn. 28 May	Thursday 29 May	Friday 30 May
08.45-10.00	Oral Session	Oral Session	Oral Session	Oral Session	MCM COST Action TD1105
10.30-12.30	Oral Session	Oral Session	Oral Session	Oral Session	
12.30-14.00	LUNCH				
14.00-15.30	Oral Session	Oral Session	Poster Session	Oral Session	
16.00-18.30	Poster Session	Oral Session	Plenary Session	Oral Session	

2014
**Spring
Meeting**

May 26th - 30th

Lille - France



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www.european-mrs.com

Symposium B

Advanced Functional Materials for Environmental Monitoring and Applications

Hot Topics covered by Symposium B

- *Advanced gas sensing semiconducting materials*
- *Hybrid materials and nanocomposites for gas sensing*
- *Catalytic sensing materials*
- *Device fabrication, packaging, testing and aging*
- *New (nano)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*



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Proceedings of Symposium B
*Advanced Functional Materials for
Environmental Monitoring and Applications*

Special Issue to be published in:

Journal of Sensors and Sensor Systems (JSSS)
Copernicus Publications

Deadline for Submission: 30 June 2014

URL: www.journal-of-sensors-and-sensor-systems.net



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.
- ***Yongxiang Li***, Chinese Academy of Sciences, China.
- ***Meyya Meyyappan***, NASA, USA.



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Graduate Student Awards by Symposium B

AWARD BENEFITS:

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

Diploma will be delivered during the Plenary Session
on **WEDNESDAY MAY 28 at 18:30**

GSA Competition Session:

Room Van Gogh 1.2 (Level 8)

MONDAY MAY 26 at 18:30

5 CANDIDATES Applied

GSA Symposium B Committee: 6 Members



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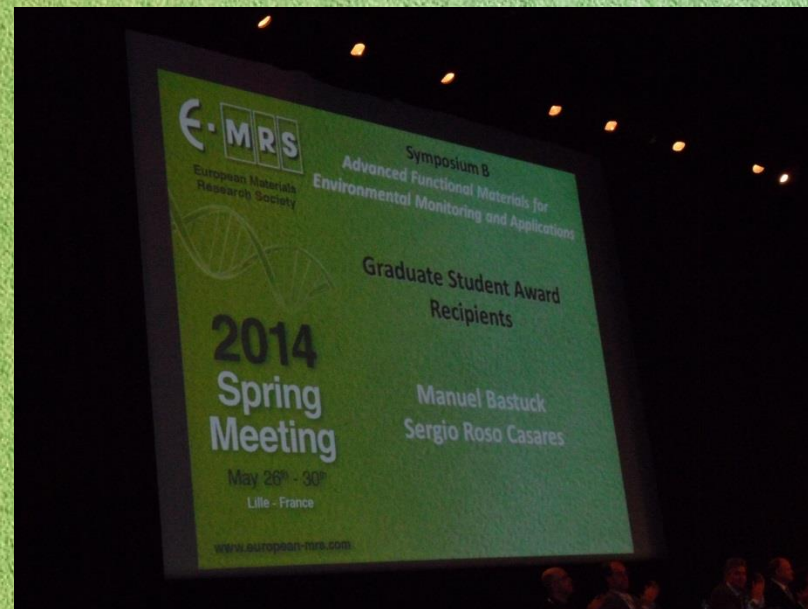
Graduate Student Awards by Symposium B

Diploma delivered during the Plenary Session on
WEDNESDAY MAY 28 at 18:30

WINNERS of GSA Competition Session:

Manuel BASTUCK

Sergio ROSO CASARES





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Symposium B Organizers:
*Advanced Functional Materials for
Environmental Monitoring and Applications*



Michele PENZA
ENEA, ITALY



Anita LLOYD SPETZ
Linköping Univ., SWEDEN
Univ. of Oulu, FINLAND



Meyya MEYYAPPAN
NASA, USA



Albert ROMANO-RODRIGUEZ
Univ. of Barcelona, SPAIN



Yongxiang LI
Chinese Academy of Sciences, CHINA

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Sponsors of Symposium B

Advanced Functional Materials for Environmental Monitoring and Applications



United Kingdom



France



Switzerland / UK



Sweden



Italy



Germany

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COST Action TD1105 EuNetAir:

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



EuNetAir Partnership:

- *28 COST Countries*
- *7 Non-COST Countries*
- *180 Experts Involved*
- *80 Research/Industry Teams*
- *Networking Activities*

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www.cost.eunetair.it



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Statistics of Symposium B

Advanced Functional Materials for Environmental Monitoring and Applications

Abstracts Submitted (Symp. B Top-7 over 30):	202
Abstracts Accepted:	179
Rate of Rejection/Move Other Symposia:	11% (23)
Invited SPEAKERS:	17
Contributed Speakers:	55
Poster Presentations:	107
Number of ORAL Sessions:	13
Number of POSTER Sessions:	2
Special Session COST Action TD1105 (Friday)	
Invited Speakers (Conference-Fee Waive):	3
Granted Early Stage Researchers (Fee-Waive):	11
Symposium Assistants:	2
Miscellaneous (Graduate Students Awards):	2
Participants:	
Europe (75%); Asia/Oceania (18%); Americas (7%).	



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MRS MATERIALS RESEARCH SOCIETY
Advancing materials. Improving the quality of life.

EMRS SPRING
MEETING 2014

May 26th-30th - Lille Congress Center, France

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**Special Thanks to
Sessions Chairs !**

ENJOY YOUR 5th MC Meeting in Lille