



EESMS 2015



2015 IEEE Workshop on Environmental, Energy, and Structural Monitoring Systems

Trento, Italy, 9-10 July 2015

Sponsored by the IEEE Italy Section

Supported and promoted by the IEEE Italy Section Systems Council Chapter

and the IEEE Italy Section Instrumentation and Measurement Society Chapter

Organized by the Department of Industrial Engineering - University of Trento - Italy



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Local Arrangement

Communication and Events Service,

University of Trento, Italy

Web Site <http://events.unitn.it/en/eesms2015>

IMPORTANT DATES

Submission of draft papers: ~~31st March 2015~~ ~~15~~

15 April 2015 (Hard deadline)

Notification of acceptance: ~~30th April 2015~~

11 May 2015

Final submission: ~~15th May 2015~~ **29th May**

2015

Early registration: **31st May 2015**

CALL FOR PAPERS

The growing strategic importance of environmental, energy, and structural monitoring boosts the need for flexible, effective and innovative solutions for design methods and implementation technologies with strong adaptation and evolution capabilities. This workshop aims to discuss the most recent advances in complex monitoring systems from a cross-disciplinary perspective, encompassing technology, methods and applications. Contributions are solicited in all aspects of environmental, energy, and structural monitoring, including the following topics:

Sensors and instrumentation

Signal and image processing

Intelligent monitoring systems

Software infrastructure

Wide-area monitoring

Communications in monitoring systems

Data security and privacy

Fault tolerance, dependability and resilience in

monitoring systems

Quality of service in monitoring systems

Safety in monitoring systems

Standardization issues

Management and operation of monitoring systems

Engineering education on monitoring

Environmental monitoring

Water and air monitoring

Pollution monitoring

Agricultural and forest monitoring

Energy and electrical power systems

monitoring

Energy distribution monitoring

Oil/gas pipeline monitoring

Structural health monitoring

Smart structures

Infrastructure monitoring

Transportation systems monitoring

Monitoring for sustainable environments

Ethical issues

SUBMIT YOUR DRAFT PAPER

BY ~~31st MARCH 2015~~ **15th APRIL 2015**

Submission details and workshop information are available at the website <http://events.unitn.it/en/eesms2015>. Acceptance will be notified by email not later than ~~30th April 2015~~ **11th May 2015** and final manuscript is due by ~~15 May 2015~~ **29th May 2015**. Submission of draft paper implies intention to register and present the paper at the workshop. Presenting authors are required to register in order to have their paper published in the workshop proceedings. Regular (not student) registration covers the publication cost of only one paper and there is a publication fee of € 50 for any additional paper included in the proceeding. Proceedings papers presented at the workshop will be submitted for inclusion in the IEEE Xplore digital library.