

2011 IEEE Workshop on Environmental, Energy, and Structural Monitoring Systems

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Organized by Università degli Studi di Milano, Italy*



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CALL FOR PAPERS

The wide and increasing needs for flexible solutions for environmental, energy, and structural monitoring systems point out the importance of using design methodologies and implementation technologies with high ability of adaptation and evolution. This workshop aims to present and discuss the various technological, methodological and application aspects of complex monitoring systems in the various application areas mentioned above.

Papers are solicited on all aspects of environmental, energy, and structural monitoring systems and the related applications, from the points of view of both theory and practice, including the following topics:

Sensors and instrumentation for monitoring systems
Signal and image processing for monitoring systems
Intelligent monitoring systems
Software infrastructure for monitoring systems
Wide-area monitoring
Communications in monitoring systems
Security and privacy in monitoring systems
Fault tolerance, dependability and resilience in monitoring systems
Quality of service in monitoring systems
Safety in monitoring systems
Standards for monitoring systems
Management and operation of monitoring systems
Engineering education in monitoring systems

Environmental monitoring
Water monitoring systems
Air monitoring systems
Pollution monitoring
Agricultural and forest monitoring
Energy and electrical power systems monitoring
Energy distribution monitoring
Oil/gas pipeline monitoring
Structural monitoring
Critical infrastructures monitoring
Transportation systems monitoring
Monitoring for sustainable environments
Ethic issues in environmental and energy monitoring

SUBMIT EXTENDED ABSTRACTS OR DRAFT PAPERS

BY 1 JUNE 2011

Details for the submission and all information concerning the symposium can be found at the symposium web site at <http://eesms2011.dti.unimi.it/>. Acceptance/rejection will be emailed by 1 July 2011. The final manuscript is due by 15 August 2011. Papers will be included in the proceedings only if at least one author will register by 15 August 2011 - no exceptions.