



EESMS 2018



2018 IEEE Workshop on Environmental, Energy and Structural Monitoring Systems

Salerno, Italy, 21-22 June 2018

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the IEEE Italy Section Instrumentation and Measurement Society Chapter
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CALL FOR PAPERS

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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, but not limited to, the following topics and application areas:

Environmental monitoring

Water and air monitoring
Pollution monitoring
Agricultural and forest monitoring

Smart structures

Software infrastructure
Intelligent monitoring systems
Environmental signal and image processing
Data security and privacy

Sensors and instrumentation

Wide-area monitoring
Communications
Fault tolerance, dependability and resilience
Quality of service

Critical infrastructure monitoring

Transportation systems monitoring
Monitoring for sustainable environments
Ethical issues

Energy and electrical power systems monitoring

Energy distribution monitoring
Oil/gas pipeline monitoring
Structural health monitoring

Safety

Standardization issues
Management and operation
Engineering education

IMPORTANT DATES

Submission of draft papers:

31 March 2018

Notification of acceptance:

16 April 2018

Final submission:

15 May 2018

Early registration:

15 May 2018

SUBMIT DRAFT PAPERS BY 31 MARCH 2018

Details for the submission and all information concerning the workshop are available at the workshop web site at <http://eesms2018.aeflab.net>. Acceptance/rejection will be emailed by **16 April 2018**. The final manuscript is due by **15 May 2018**. Submission implies willingness to register at the conference, pay the registration fee and present the paper in person. Papers will be included in the proceedings only if at least one author will register by **15 May 2018** (IEEE member and non-member fees only are acceptable to this purpose) - no exceptions. Papers included in the proceedings will be submitted for possible inclusion in the IEEE Xplore digital library only if the paper will be presented in person at the conference by one of the authors. If an author covers more than one accepted paper with her/his registration to guarantee inclusion in the proceedings, she/he must pay a 50 Euros surcharge for each paper in excess of one.