CALL FOR PAPERS

The increasingly strategic role of flexible, effective and innovative solutions for environmental, energy, and structural monitoring systems boosts the need for design methodologies and implementation technologies with strong adaptation and evolution characteristics. The workshop aims to present and discuss the various technological, methodological and application aspects of complex monitoring systems in the three aforementioned application areas.

Papers are solicited on all aspects of environmental, energy and structural monitoring systems and the related applications, from the point 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
- 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
- ethic issues in environmental and energy monitoring
- software infrastructure for 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
- industrial monitoring systems

Special session on Structural Control and Health Monitoring Systems

This special session aims at networking novel researches concerning complex and edge-technology systems and methodologies addressed to the vibration control and health monitoring of existing structures subjected to natural actions like earthquakes, wind, rain etc. and/or to deterioration. The session intends to attract and collect contributions coming from different area of research, so trying to draw a multidisciplinary state-of-the-art about the involved topics.

SUBMIT PAPERS BY 30 MAY 2014

Details for the submission and all information concerning the workshop can be found at workshop the web site at http://www.ingegneria.uniparthenope.it/EESMS2014. Acceptance/rejection will be emailed by 17 June 2014. The final manuscript is due by 20 July 2014. 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 20 July 2014 (IEEE member and non-member fees only are acceptable to this purpose) - no exceptions. Papers included in the proceedings will also be submitted for 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 paper with her/his registration, in order to guarantee inclusion in the proceedings, she/he must pay a 50 Euro charge for each paper in excess of one.