

IEEE EESMS 2015 Extended Deadline - IEEE Workshop on Environmental, Energy and Structural Monitoring Systems

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The 2015 IEEE Workshop on Environmental, Energy and Structural Monitoring Systems (EESMS 2015)

Trento, Italy | 9-10 July 2015 | <http://events.unitn.it/en/eesms2015>

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

Important Dates

- Submission of draft papers: 31 March 2015
- Notification of acceptance: 30 April 2015
- Final submission: 15 May 2015
- Early registration: 31 May 2015

Submission Guidelines

Prospective authors are invited to submit original technical papers--up to 6 pages of length, using the EDAS link: <https://edas.info/newPaper.php?c=19289>

For more information, visit: <http://events.unitn.it/en/eesms2015>

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[? Call for Papers: 7th International Workshop on Dependable Many-Core Computing \(DMCC 2015\) CFP: S-Cube - 6th International Conference on Sensor Systems and Software - Rome, Oct 26-27, 2015 ?](#)





[Calls for Papers CPS Domains Agriculture Healthcare and Public Health Sector Nuclear Reactors, Materials, and Waste Sector Transportation Systems Sector Communication Energy Systems Engineering Critical Infrastructure Wireless Sensing and Actuation Health Care Resilient Systems Science of Security Transportation CPS Technologies Foundations](#)
