

EESMS 2015

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

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

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Event Details

Location: Trento, Italy

URL: <http://events.unitn.it/en/eesms2015>

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