



IEEE M&N 2013

IEEE International Workshop on Measurements & Networking

CALL FOR PAPERS

7-8 October, 2013 - Naples, Italy



Following the success of the first edition, the 2nd IEEE International Workshop M&N 2013 aims to represent a forum for researchers and practitioners from industry, academia, and government interested in the areas of measurements, communications, computer science, wireless systems, sensor networks and to foster discussion on the role of both measurements for networking and networking for measurements.

The workshop will provide the opportunity to gather complementary competencies from different fields, and discuss recent results and trends on related highly interdisciplinary topics:

QoS measurement and performance assessment

- ◆ Methods and techniques for performance assessment in networks
- ◆ Protocol analysis
- ◆ Traffic analysis and monitoring
- ◆ Cross-layer measurements
- ◆ Error management and troubleshooting in networks

Measurements on network infrastructures

- ◆ Characterization of network equipment
- ◆ In-service testing
- ◆ Out-of-service measurements
- ◆ Conformance and interoperability testing
- ◆ Load tests

Special session on "Dependability and security measurements in computer systems and networks"

Chairmen: Andrea Bondavalli, University of Florence, Italy
Marco Vieira, University of Coimbra, Portugal

Measuring the dependability and security of a given computer system or component is very dependent on many factors, either internal to the system (hardware and software) or external (environment or human made). Assessing system dependability is in fact a very difficult problem and has been addressed by using both model-based and measurement-based techniques and their combination. The problem is even more difficult when addressing security measurements as computer systems security is frequently disregarded by system developers and is largely dependent on unknown aspects about the system (i.e. vulnerabilities).

The goal of this special session is to provide a forum for discussing disruptive techniques and tools for the quantitative measurement and analysis of dependability and security attributes of computer systems.

Security measurements

- ◆ Coexistence and interference problems in wireless networks
- ◆ Signal integrity problems
- ◆ Anomaly detection and classification

Wireless Sensors Networks (WSN)

- ◆ Modeling and performance prediction
- ◆ Design, implementation and application
- ◆ Measurements for characterization and performance assessment
- ◆ Synchronization issues

GRID and distributed measurements

- ◆ GRID architecture for measurements
- ◆ Distributed measurement systems

Special session on Sensor Networks for Ambient Assisted Living

Chairman: Bruno Andò, University of Catania, Italy

Ambient Assisted Living puts its focus in enabling technologies improving style and quality of life of weak people with particular regards to elderly. Sensors Networks (SN) could be strategic to change the nowadays approach in terms of the amount of information which could be easily acquired and conveyed. Such strategies could improve localization features as well as monitoring tasks to acquire awareness of the environment and AAL of weak users. We strongly invite original research papers on this subject with the goal to generate an amusing discussion where novel ideas on how to exploit Sensor Networks for AAL can be shared within the audience. Submission are welcomed on:

- Overview of State Of The Art on SN for AAL
- Sensor Networks to improve life quality of weak people: "performance assessment"
- Smart multi-sensor systems for AAL
- Wireless Body Sensor Network (WBSN)

HARD DEADLINE

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Important dates

Abstract Submission Deadline: ~~June 20th~~ **July 1st**

Acceptance/Rejection Notification: **July 26th**

Final Manuscript Submission: **Sept. 7th**

Workshop website:

<http://mn2013.ieee-ims.org>

Paper submission:

<https://edas.info/newPaper.php?c=13155>