

# IEEE International Workshop on "Measurements & Networking" M&N 2011

## CALL FOR PAPERS

**10-11 October, 2011 - Capri Island, Italy**

The IEEE International Workshop M&N 2011 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

### Security measurements

- ◆ Coexistence and interference problems in wireless networks
- ◆ Signal integrity problems
- ◆ Anomaly detection and classification
- ◆ Models and measurements for dependability assessment

### Measurements on network infrastructures

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

### Wireless Sensors Networks (WSN)

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

### GRID and distributed measurements

- ◆ GRID architecture for measurements
- ◆ Distributed measurement systems
- ◆ Instrumentation GRID
- ◆ GRID services

Authors are invited to submit extended abstracts (3-4 pages) reporting original research of theoretical or applied nature using on-line submission system. Guidelines for the authors are reported on the workshop website

<http://mn2011.ieee-ims.org>

### Extended abstract submission

**30 May 2011**

### Acceptance/Rejection Notification

**30 June 2011**

### Registration

**18 July 2011**

### Full paper due

**24 August 2011**

