

CALL FOR PAPERS

Catania, Italy



ORGANIZERS

CHAIRS

Bruno Ando

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IMPORTANT DATES

December 15, 2018

Special Session Submissions

March 1, 2019

Full Paper Submission

April 7, 2019

Acceptance Notification

May 5, 2019

Revised Manuscript Submission

May 12, 2019

Final Notification

Following the success of the first four editions, the 5th IEEE International Symposium M&N 2019 aims to represent a forum for researchers and practitioners from industry, academia, government and standardization committee 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 Symposium will provide the opportunity to gather complementary competencies from different fields, and discuss recent results and trends on related highly interdisciplinary topics:

Measurements for networking

- Methods and techniques for networks performance assessment
- Measurement issues in Internet of Things
- QoE and QoS assessment in computer networks
- Traffic analysis and monitoring
- Characterization of network equipment
- Measurements in Software Defined Networks
- In-service testing
- Protocol analysis
- Out-of-service measurements
- Conformance and interoperability testing
- Cross-layer measurements
- Error management and troubleshooting in networks
- Antenna and RCS Measurements

Networking for measurements

- WSN design, implementation and application
- WSN performance assessment
- Synchronization issues
- Indoor positioning
- Distributed measurement systems
- Sensor networks for Active Ageing, Well Being and Human Safety
- Sensor networks and IoT for smart cities
- Sensor networks for energy management and optimization
- Fog computing-based sensor networks
- Software-defined networks for measurement applications
- Cognitive and software-defined radios in measurements
- Software-defined measurements
- Vehicular networks
- Technologies for smart metering and smart grid

Measurements for security in networks

- Anomaly and intrusion detection
- Big Data Analytics and Metrics
- Big Data security and privacy
- Wireless and Mobile Network Security
- Privacy and Security in Clouds
- Application Level Trust and Security
- Coexistence and interference problems in wireless networks
- EMC and Signal integrity problems

Standardization issues in measurements and networking

- Current standardization activity
- New standard proposals
- Measurement issues open to standardization

Please visit:

2019.mn.ieee-ims.org