

# CALL FOR PAPERS

Padua, Italy



## IMPORTANT DATES

**February 1, 2022**

Special Session Proposal Deadline

**April 29, 2022**

Initial Paper Deadline

**May 13, 2022**

1<sup>st</sup> Review Round Notification

Accept, Reject, Accept with Minor Revisions

**June 3, 2022**

Revised Paper Deadline\*

\* if required

**June 7, 2022**

2<sup>nd</sup> Review Round - Final Notification

Deadline for Revised Papers

**June 14, 2022**

Final Manuscript Submission

& Early Registration Ending

Final Manuscript, Copyright Form,

Author Registration

## ORGANIZERS

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Following the success of the first five editions, the 6<sup>th</sup> IEEE International Symposium M&N 2022 aims to be a forum for researchers and practitioners from industry, academia, government and standardization bodies in the areas of measurement, communications, computer science, wireless systems, sensor networks, and to foster discussion on the role of measurement for networking and of networking in measurement.

IEEE M&N 2022 will be held in Padua, Italy. A unique mix of history, art and modern life, the city celebrates the 800<sup>th</sup> year of her University and is twice listed in UNESCO World Heritage, for her 14-th century frescoed buildings, and for the Botanic Gardens that will host the conference venue, the oldest of their kind in the world (1545).

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

### Measurements for networking

- » Methods and techniques for networks performance assessment
- » Applications of Big Data analytics and AI/ML to network measurements and analysis
- » Measurement issues in Internet of Things
- » Methods and techniques for industrial networks
- » QoE and QoS assessment in computer networks
- » Traffic analysis and monitoring
- » Characterization of network equipments and mobile networks
- » 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
- » Measurements for human exposure to EMF
- » Antenna and RCS Measurements

### Networking for measurements

- » WSN design, implementation and application
- » WSN performance assessment
- » Synchronization issues
- » Indoor and outdoor positioning
- » Distributed measurement systems
- » Sensor networks and IoT for smart environments
- » Sensornetworks 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
- » Networks for underwater systems
- » Design and characterization of cyber-physical measurement systems

### Measurements for security in networks

- » Anomaly and intrusion detection
- » Big Data Analytics and Metrics
- » AI/ML applications to cybersecurity 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
- » Measurement issues open to standardization
- » New standard proposals