

Special Issue

State-of-the-Art of Sensor Networks in Italy

Message from the Guest Editors

Sensor Networks are recognized as one of the most important technologies for the 21st century. The availability of cheap, smart devices equipped with many sensors, and possibly connected to the Internet or wireless networks, provide vast opportunities for research and development. They mainly require technologies from three different research areas:

sensing, communication, and computing. This Special Issue will provide an overview of the progress and state-of-the-art techniques of Sensor Networks in Italy. Topics include, but are not limited to, - Sensor Networks;

- Wireless Sensor Networks;
- Wearable Sensor Networks;
- Mobile Sensor Networks;
- Sensor Networks in Smart Cities;
- Cloud based Sensor Networks;
- Frameworks for Sensor Networks design and management;
- Middlewares for Sensor Networks;
- Big Data Analysis for Sensor Networks;
- Anomaly detection in Sensor Networks;
- Energy management in Sensor Networks;
- Sensor Networks and IoT;
- Sensor Networks and Predictive Maintenance.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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