



Smart Monitoring and Control in the Future Internet of Things

Guest Editors:

Dr. Antonio Guerrieri

ICAR-CNR, Institute of High
Performance Computing and
Networking of the Italian
National Research Council, 87036
Rende, Cosenza, Italy

Dr. Franco Cicirelli

ICAR-CNR, Institute of High
Performance Computing and
Networking of the Italian
National Research Council, 87036
Rende, Cosenza, Italy

Dr. Andrea Vinci

ICAR-CNR, Institute of High
Performance Computing and
Networking of the Italian
National Research Council, 87036
Rende, Cosenza, Italy

Deadline for manuscript
submissions:

closed (31 May 2019)



mdpi.com/si/16600

Message from the Guest Editors

Dear Colleagues

The Internet of Things (IoT) and related technologies have the promise of realizing pervasive and smart applications. The realization of the full potential of the next generation of the IoT still needs further research efforts concerning, for instance: the identification of new architectures, methodologies, and infrastructures dealing with distributed and decentralized IoT systems; the integration of the IoT with cognitive and social capabilities; the enhancement of the sensing–analysis–control cycle; the integration of consciousness and awareness in IoT environments.

The topics of this Special Issue include, but are not limited to:

- IoT and Cyber–Physical Systems
- Architectures, Methodologies, and Infrastructures for IoT Systems
- Cognitive and Social IoT
- Future IoT
- Smart Computing Technologies and Applications
- Networked Sensing and Control
- Standards and Protocols for IoT
- Cloud, Fog, and Edge Computing for IoT
- Big Data Analytics and Ambient Intelligence
- Consciousness, Awareness, and Artificial Intelligence in the IoT

Dr. Antonio Guerrieri

Dr. Franco Cicirelli

Dr. Andrea Vinci

Guest Editors

Special Issue



sensor.

Indexed in:
PubMed

CITESCORE
8.2

IMPACT
FACTOR
3.5

an Open Access
Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](https://twitter.com/Sensors_MDPI)