



Emerging IoT Technologies for Smart Environments

Guest Editors:

Prof. Dr. Luigi Patrono

Dr. Luigi Atzori

Dr. Aitor Almeida

Prof. Dr. Cosimo Distanto

Message from the Guest Editors

The next generation of the Internet is expected to interconnect and to make heterogeneous and smart objects interoperable in order to realize IoT. It aims to diffuse smart and pervasive environments able to offer innovative services in heterogeneous applicative scenarios, such as environmental monitoring, building automation, healthcare, smart cities, smart grids, logistics, and tourism.

Potential interesting topics include, but are not limited to:

- IoT-aware systems based on wireless and wearable devices;
- Embedded systems in IoT-aware system architectures;
- Protocols performance analysis in IoT architectures;
- Smart environments based on IoT Technologies;
- Mobile applications and rapid prototyping in the IoT;
- Middleware, semantic web, and ontology in the IoT;
- Fog computing in the IoT;
- Innovative AAL systems;
- Microservices architectures;
- Innovative solutions for industrial IoT;
- Big data and data analytics;
- Intelligent transport and localization systems;
- Safety and emergency systems based on IoT technologies;
- Artificial intelligence systems based on machine or deep learning;
- Case studies, field trials, and industrial applications.





sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)