



sensors



an Open Access Journal by MDPI

Recent Advances in Algorithm and Distributed Computing for the Internet of Things

Guest Editors:

Dr. Haipeng Dai

Prof. Dr. Xianjun Deng

Prof. Dr. Xiaolong Xu

Dr. Ning Wang

Dr. Zhenzhe Zheng

Dr. Weijun Wang

Deadline for manuscript
submissions:
closed (15 August 2022)

Message from the Guest Editors

With the spark of Industry 4.0, the IoT has witnessed huge development in recent years in our daily life, such as smart homes, smart cities, smart stores, and smart buildings. In addition, edge computing emerges to offer cheaper, faster, and more efficient service by processing data locally.

The IoT makes our lives easier; however, ubiquitous IoT devices such as smart phones create a huge amount of data every day which requires large computing resources to analyze, creating great challenges. What is more, the private nature of data on IoT devices causes increased security problems. To this end, it is important to design efficient and distributed algorithms to deal with these problems based on IoT devices, such as energy restriction, limited storage space, and security issues.

The aim of this Special Issue is to provide a platform for researchers to discuss cutting-edge algorithms to deal with IoT-related issues.



mdpi.com/si/84979

Special Issue



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 (*Chemistry, Analytical*) / 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](#)