Performance, Simulation and Modelling of Sensors Networks in the Context of IoT, Edge Computing, and AI

Guest Editors:

Dr. Aris Leivadeas
Department of Software and Information Technology Engineering, École de technologie supérieure, Montreal, QC H3C 1K3, Canada

Dr. Vasileios Karyotis
Department of Informatics, Ionian University, 49100 Corfu, Greece

Dr. Dimitrios Dechouniotis
Department of Electrical and Computer Engineering, National Technical University of Athens, 15780 Athens, Greece

Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

The Internet of Things (IoT) is gaining considerable momentum. Even though the term was captured the previous decade and actual implementations of IoT did not start for some years later, we are already currently living in the fourth industrial revolution. The core component of this revolution are sensor networks and the data they generate. As the cost of sensors and actuators is decreasing and data analysis can render the applications more intelligent, the IoT thrives.

This Special Issue is soliciting conceptual, theoretical, and experimental contributions to a set of currently unresolved challenges in the area of sensor networks, IoT, Edge Computing, and AI.

Special Issue

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