Special Issue

Automation and Learning in MEC and Cloud Systems

Message from the Guest Editors

Users will expect more global coverage, higher data speeds, and ubiquitous availability of new services and applications in the future. All these requirements along with the need to serve various vertical industries with ultrareliable and low latency connectivity are among the key drivers for 5G networks and beyond. The 5G requirements are fostering the creation of a distributed architecture with a collective intelligence that will allow the automation and dynamic self-orchestration of end-to-end resources over a multitechnology, multiprovider, and multitenant infrastructure, suitable for verticals with stringent requirements, such as critical situations, high user density, increased bandwidth, security, isolation, and low latency. This Special Issue aims to highlight advances in the development, testing, practical implementations, and modeling of smart ecosystems for 5G and beyond, formed by a set of new procedures, algorithms, technologies, and mathematical tools for advanced system configuration and automation that leads to the zero-touch paradigm. State-of-the-art reviews on these topics are also welcome.

Guest Editors

Dr. Cristina Cervelló-Pastor

Dr. Francisco Valera

Dr. Jorge Navarro Ortiz

Dr. Jasone Astorga

Deadline for manuscript submissions

closed (15 April 2022)

About the Journal

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.

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

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)