





an Open Access Journal by MDPI

Recent Advances and Challenges in IoT, Cloud and Edge Coexistence

Guest Editors:

Dr. Charalabos Skianis

Dr. Philippe Krief

Dr. Enric Pages Montanera

Dr. John Soldatos

Deadline for manuscript submissions:

1 October 2024

Message from the Guest Editors

Dear Colleagues,

The coexistence of the IoT, Cloud and Edge (ICE) provides a stronghold for innovation that spans across all sectors of vertical industries, research, and development ecosystems towards the ever-increasing volume of data and the associated burst of business cases.

In this Special Issue, the aim is to publish high-quality articles including reviews and position papers that address various challenges in the use of these technologies (IoT, cloud and edge computing) towards their technical and business fusion, realizing a computing continuum enhanced by AI and openness.

The topics of interest include but are not limited to:

- Meta-operating systems;
- Security, privacy and trust;
- Open source enabling platforms and tools;
- Artificial intelligence;
- Data and identity management;
- Vertical industries;
- Orchestration and management technologies;
- Business modeling and commercialization;
- Sustainable Development Goals;
- Digital twins;
- Blockchain technologies.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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),

CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2(Electrical and Electronic Engineering) CiteScore - Q2 (Electrical

and Electronic Engineering

Contact Us