Special Issue

Advancements in Edge and Cloud Computing for Industrial IoT

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Deployment and optimization of edge solutions in mission-critical environments.
- Tactical cloudlets hosted on vehicles or platforms, enabling computational offloading, data filtering, and mission support at the edge.
- Frameworks, architectures, and systems enabling the cloud–edge continuum in IIoT.
- Techniques and solutions for reducing latency and improving energy efficiency in IIoT.
- Opportunistic edge computing and strategies to offload resource-intensive computations to external resources to enhance device capabilities in industrial and mission-critical environments.
- Security and privacy concerns, with a focus on safeguarding sensitive data and mission-critical information.
- Use of UAVs or UGVs for IIoT.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

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