

Special Issue

Advanced Theories, Applications and Techniques in Cloud and Distributed Computing

Message from the Guest Editor

This Special Issue aims to collect advanced theories, applications, and techniques that address the currently unresolved challenges in cloud and distributed computing. The topics of interest include, but are not limited to:

- Resource allocation and management;
- Job scheduling;
- Heterogeneous task management;
- Task partitioning and assignment;
- Cooperation mechanisms;
- Storage optimization;
- Scalability issues;
- Reliability and dependability;
- Energy management;
- Development and optimization of architectures;
- Data-resilient, fault-tolerant techniques;
- Parallel computing;
- Advanced algorithms for applications (e.g., AI, big data);
- Testbeds and prototypes.

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2024)



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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 guestedited by leading experts in selected topics of interest.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).