Special Issue

Emerging Distributed/Parallel Computing Systems

Message from the Guest Editors

We seek contributions across a broad spectrum of topics within the field of distributed and parallel computing systems, including but not limited to the following:

- Architectures for parallel/distributed computing systems
- Parallel I/O systems and distributed algorithms
- Design, analysis, and applications of parallel algorithms
- Multi-processor systems and architectures
- Theoretical foundations of parallel/distributed computing
- Advances in optical computing accelerators and interconnect systems
- Innovations in cloud, fog, and edge computing paradigms
- Evaluations of system scalability and performance
- Distributed computing architectures tailored for machine learning
- Integration of machine learning and AI in parallel computing
- Challenges and solutions in large-scale parallel computing
- Energy-efficient and green computing models

Innovative ideas, theoretical contributions, practical implementations, and interdisciplinary approaches are highly encouraged.

Guest Editors

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Deadline for manuscript submissions

15 November 2025

Electronics

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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