

Special Issue

New Trends in High-Performance Computer Architectures and Applications

Message from the Guest Editor

This Special Issue aims to gather innovative contributions with new approaches, proposals, techniques, and applications in this field. The topics of interest include but are not limited to:

- High-performance computer architecture
- High-performance computer system software
- Multi-core and multi-threaded architecture methods
- Applications related to high-performance computing
- Distributed systems
- Communication networks
- Network virtualisation
- High-performance computing in cloud platforms
- Data-intensive computing
- Optimal energy solutions
- Energy-aware scheduling
- Accelerators such as GPUs and TPUs
- I/O subsystems
- Hardware virtualisation and simulation
- Hardware security

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2022)



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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 2.6 days (median values for papers published in this journal in the first half of 2024).