

Special Issue

High-Performance Computer Architectures and Applications

Message from the Guest Editor

HPC offers stunning opportunities to solve complex problems thanks to the use of advanced hardware platforms, parallelization, distributed programming, and algorithms. Computational power rises steadily due to continuous evolution in computer architectures, networks, and software. However, it is a great challenge to take advantage of this huge amount of resources. 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; - Multicore and multithreaded architecture methods; - Applications related to high-performance computing; - Distributed systems; - High-performance computing in cloud platforms; - Data-intensive computing; - Optimal energy solutions; - Energy-aware scheduling; - Accelerators such as GPUs and TPUs.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2021)



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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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