New Trends in High-Performance Computer Architectures and Applications

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closed (31 October 2022)

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

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Special Issue

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Message from the Editor-in-Chief

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