



Parallel Computing and Applications

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Message from the Guest Editors

Dear Colleagues,

Currently, parallel computing technologies and high-performance computing are ubiquitous and play a crucial role in data processing. When adapting existing and developing novel data processing methods, researchers and practitioners are faced with issues related to increasing levels of parallelism in computing architectures, software, and algorithms.

This Special Issue aims to publish high-quality, cutting-edge research articles on solutions to challenges in parallel computing and its applications in various domains. The scope of the Special Issue includes (but is not limited to) the parallel and distributed computing technologies on multiprocessor and multicore architectures; application of parallel methods and algorithms in computational mathematics, gas hydrodynamics, and mechanics; parallel algorithms in data mining; parallel methods in machine learning and neural networks, and parallel and distributed database systems.





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Message from the Editor-in-Chief

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