

Special Issue

Advanced Technologies and Applications of High-Performance Computing and Parallel Computing

Message from the Guest Editors

Applied Sciences is a semi-monthly peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of applied physics, applied chemistry, applied biology, and engineering, environmental, and Earth sciences. It is free for readers and indexed within SCIE, Scopus, ESCI (Web of Science), Ei Compendex, MathSciNet, and many other databases. For more information, please check: <https://www.mdpi.com/journal/applsci>. This Special Issue, “Advanced Technologies and Applications of High Performance Computing and Parallel Computing” of Applied Sciences, invites original, high-quality work presenting novel research on high-performance computing. Featured articles should present innovative strategies that address issues in different aspects of performance, such as parallelization, evaluation, algorithm, programming models, autotuning, co-design, and benchmarks.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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