Special Issue

Applications of Parallel Computing

Message from the Guest Editor

Over the past few years, parallel computing has been widely used to solve computational problems, especially in optimization. It is an effective method to improve the computing speed and processing power of computer systems. The main target of parallel computing is scientific applications, and many large-scale scientific applications refer to problems that are modeled as optimization problems, often discrete ones, based on graph modeling and exploiting artificial intelligence methods. This Special Issue is devoted to topics in parallel computing, including theory and applications. The focus will be on applications involving parallel methods of solving hard computational problems, especially of optimization.

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2022)

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About the Journal

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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