Special Issue

Parallel and Distributed Computing: Theory and Applications

Message from the Guest Editors

With the recent vigorous development of emerging technologies such as big data, artificial intelligence, and the metaverse, various intelligent systems and applications have become commonplace in daily life. The development of parallel and distributed computing is essential for overcoming the limited computing power of traditional centralized computing.

Parallel and distributed computing occur in many areas of computer science. With the emergence of new infrastructures and computing architectures, the current parallel and distributed computing techniques have become challenging, and there is still much room for improvement in their research.

The purpose of this Special Issue is to present current developments, share theoretical and technical knowledge, and discuss emerging challenges and trends in the field of parallel and distributed computing. Original research and review articles are welcome.

Guest Editors

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Dr. Jinyu Tian

Dr. Ji Wang

Deadline for manuscript submissions

closed (31 August 2024)

MDPI

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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