Methodologies, Approaches, and Challenges in Parallel and Distributed Computing System

Guest Editor:

Dr. Livia Marcellino
Department of Science and Technology, University of Naples Parthenope, 80143 Napoli, Italy

Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

In the big data era, parallel computing is the most efficient way to solve large-size problems. By utilizing the parallel design of recent architectures, very sophisticated parallelization strategies can be realized and implemented in order to provide efficient parallel software.

This Special Issue aims to collect papers that present new parallel methods and algorithms for solving large-scale dimension problems for multi/many core, GPU and distributed architectures.

Dr. Livia Marcellino
Guest Editor

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us