Parallel Processing and High Performance Computing

Guest Editors:

Prof. Dr. Jose-Luis Sanchez-Romero

Prof. Antonio Jimeno-Morenilla

Dr. Antonio Martínez-Álvarez

Dr. Héctor Migallón

Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editors

This Special Issue on Parallel Processing and High-Performance Computing aims to contribute recent advances in hardware and software environments for optimizing computing, parallel strategies, and high-performance implementations of algorithms and methods, and their application to industry, engineering, medical science, and other disciplines.

Topics of interest include but not limited to:

- Parallel processing
- Parallel architectures and implementation
- Software and hardware optimization
- FPGA architectures
- GPU processing
- OpenCL and CUDA Architectures
- OpenMP and MPI architectures
- Optimization of industrial and engineering processes
- Applications of parallel and high-performance computing

Special Issue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us