



## 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





an Open Access Journal by MDPI

## 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, Ei Compendex and other databases.

**Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

## Contact Us

---

Electronics Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://x.com/electronicsMDPI)