Topical Collection

Application of Advanced Computing, Control and Processing in Engineering

Message from the Collection Editors

The development of interactive computing has encouraged a substantial growth in the use of computer-aided design methods and robust and efficient numerical algorithms have been produced to support these methods. With the extremely high rate of change in the field of computer science and electronics, the more recent developments have outpaced their incorporation into new control system design and implementation techniques. With wide adoption of new modalities of scientific and engineering discovery, the demand for computing and interface capabilities and services has increased significantly both in terms of the range of capabilities and overall capacity. In this Special Issue, we hope to showcase the latest results from researchers, computer engineers, and electronics professionals in their attempts to explore new methods and algorithms while constantly adapting to rapid technological evolution, as well as in pursuing transformational discoveries across all processes and in engineering. In addition, we also encouraging submissions which attempt to solve various problems related to environmental sensing.

Collection Editors

Dr. Sudip Chakraborty

Prof. Dr. Robertas Damaševičius

Prof. Dr. Sergio Greco

Electronics

Electronics

About the Journal

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.

Editor-in-Chief

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).