# Special Issue

# Advances in Hardware-Software Codesign

## Message from the Guest Editors

The aim of this Special Issue is to focus on hardware–software codesign advanced methods for signal, video, or image processing to give a large view of this complex field by covering topics that include but are not limited to the following areas:

- Embedded systems;
- Hardware architectures for signal and image processing: manycore processors, FPGAs, DSPs, GPUs, SoCs;
- Advances in algorithm-architecture mapping;
- Hardware–software synthesis, computer-aided tools (compilers, hardware synthesis);
- Reconfigurable systems;
- Real time processing;
- Vision systems;
- Smart sensors;
- Sensor data fusion;
- Systems for robotics and automation;
- Embedded artificial intelligence;
- Applications to simultaneous localization and mapping (SLAM), autonomous vehicles, UAVs, medical, biomedical, smart agriculture, smart cities.

## Guest Editors

Dr. Abdelhafid El Ouardi

Dr. Sergio Rodriguez

Dr. Bastien Vincke

## Deadline for manuscript submissions

closed (31 October 2023)

# Electronics

# Electronics

**an Open Access Journal by MDPI**

**Impact Factor 2.6**
**CiteScore 6.1**

mdpi.com/journal/
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).

MDPI