



## Selected Papers from XXXVIII Conference on Design of Circuits and Integrated Systems—DCIS 2023

Guest Editors:

**Dr. Francisco Javier González-Cañete**

Departamento de Tecnología Electrónica, Universidad de Málaga, ETSI Telecomunicación, 29071 Málaga, Spain

**Dr. Martín González García**

Departamento Tecnología Electronica, ETSI Telecomunicacion, University of Málaga, 29010 Málaga, Spain

**Prof. Dr. Antonio J. Lopez-Martin**

Department of Electrical, Electronic and Communications Engineering, Public University of Navarra, Campus Arrosadia, 31006 Pamplona, Spain

Deadline for manuscript submissions:

**15 September 2024**



### Message from the Guest Editors

Dear Colleagues,

The XXXVIII Conference on Design of Circuits and Integrated Systems (DCIS 2023) aims to provide a platform for researchers in the highly active fields of micro- and nano-electronic circuits and integrated systems. It will provide an excellent forum to present and discuss works on the emerging challenges offered by technology in the areas of modelling, design, implementation and the testing of devices, circuits and systems. Authors of accepted papers are invited to submit the extended versions (at least 50% extension for the submissions) of their original papers and contributions.

The topics of interest include, but are not limited to, the following:

- Analog/mixed-signal circuits and systems;
- Design of power-, thermal- and variability-aware circuits and systems;
- New computing and hardware paradigms;
- Circuits and systems in advanced and emerging technologies;
- Embedded and high-performance computing;
- EDA tools and methods;
- Industrial and power electronics;
- Test, fault tolerance, reliability and modelling;
- Radiofrequency ICs;
- On-chip and off-chip interconnects;
- Hardware security;



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, 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)