



## Low-Voltage Integrated Circuits Design and Application

Guest Editor:

**Dr. Anna Richelli**

Department of Information  
Engineering, University of  
Brescia, 25123 Brescia, Italy

Deadline for manuscript  
submissions:

**closed (30 September 2020)**

### Message from the Guest Editor

One of the most challenging tasks for analogue and digital designers is to maintain the circuit performances by developing novel circuit structures capable of operating with a low supply voltage.

Moreover, the increasing demands for both low supply voltage and energy efficiency often have a detrimental effect on the robustness and the reliability of integrated circuits, especially analogue ones.

The topics to be covered in this Special Issue are as follows:

- Theory, design, and new applications of low-voltage, low-power circuits;
- Conventional and nonconventional low-voltage analog and digital design techniques;
- Supply and energy harvesting blocks;
- Implantable and wearable devices for biomedical monitoring applications;
- Low-voltage circuits for Internet of Things (IoT) applications;
- Low-voltage power-efficient analog-to-digital converters;
- Design techniques to achieve high robustness and reliability against the electromagnetic pollution.

Welcome to contribute.





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 \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

## Contact Us

*Electronics* Editorial Office  
MDPI, St. Alban-Anlage 66  
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://twitter.com/electronicsMDPI)