

## Special Issue

# Innovations in Digital and Analog Electronic Systems for Next-Generation Devices

### Message from the Guest Editors

The rapid advancement of technology has led to an increasing demand for innovations in digital and analog electronic systems. This Special Issue aims to explore the latest developments, challenges, and potential solutions in the field of electronic systems, specifically focusing on next-generation technologies. Topics of interest include, but are not limited to, the following:

- Novel circuit designs and architectures for digital and analog systems.
- The integration of digital and analog components for improved performance.
- Emerging technologies and materials for electronic systems.
- Power-efficient designs for energy-constrained applications.
- Signal processing and communication techniques for high-speed data transmission.
- Design methodologies and tools for electronic system development.
- The testing, verification, and reliability of electronic systems.
- Applications of electronic systems in areas such as specialized research instrumentation, healthcare, transportation, and the IoT.
- The simulation and hardware/software co-development of electronic systems.

### Guest Editors

Prof. Dr. Tomasz Starecki

Institute of Electronic Systems, Faculty of Electronics and Information Technology, Warsaw University of Technology, 00-665 Warsaw, Poland

Dr. Wojciech M. Zabołotny

Institute of Electronic Systems, Warsaw University of Technology, 00-665 Warsaw, Poland

### Deadline for manuscript submissions

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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## 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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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