# **Special Issue**

# Design of Low-Power Circuits and Systems

## Message from the Guest Editors

In today's technology-oriented world, the demand for low-power, high-speed, miniaturized, and reliable integrated circuits (ICs) is ever increasing. We aim to collect contributions pertaining to low-power circuits and systems design, and the topics to be covered include, but are not limited to, the following:

- Power-aware digital, analog, or hybridized circuit design;
- Low-voltage and near-threshold computing;
- Energy-efficient computing approaches for IoT applications;
- Power-efficient AI/ML hardware and accelerator approaches;
- Energy harvesting circuits for self-powered systems;
- Low-power memory system designs;
- Beyond CMOS devices for low-power and/or nonvolatile applications;
- System-on-chip (SoC) power management techniques;
- Low-power sensor interfaces for wearable and implantable devices.

### **Guest Editors**

Dr. Ronald F. DeMara

Electrical and Computer Engineering, University of Central Florida, Orlando, FL 32816, USA

Dr. Ashiq A. Sakib

Electrical and Computer Engineering, Southern Illinois University-Edwardsville. Edwardsville. IL 62026. USA

## Deadline for manuscript submissions

closed (31 October 2025)



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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics





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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 guestedited 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

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