

## Special Issue

# Electron Devices and Solid-State Circuits (EDSSC 2025)

### Message from the Guest Editors

The IEEE 2025 International Conference on Electron Devices and Solid-State Circuits (EDSSC 2025) serves as a premier forum for researchers, engineers, and practitioners to present the latest developments in electron devices, solid-state circuits, and emerging semiconductor technologies. The scope of the conference spans a wide spectrum, ranging from advanced materials and device physics to integrated circuits, systems, and heterogeneous integration. As the electronics industry continues to evolve rapidly, EDSSC 2025 emphasizes innovation in areas such as power and RF devices, MEMS, sensors, photonics, wide-bandgap semiconductors, and AI hardware. Selected outstanding contributions presented at EDSSC 2025 will be invited for submission to this special journal issue. Extended versions of these papers, featuring significant new results and insights, will undergo a rigorous peer-review process. We also welcome other high-quality manuscripts that align with the themes of EDSSC 2025 and advance the state of the art in electron devices and solid-state circuits.

### Guest Editors

Prof. Dr. Lei Xu

Prof. Dr. Yuan Xiao Ma

Dr. Yitu Wang

Dr. Zhihua Zhu

### Deadline for manuscript submissions

31 January 2026



## Journal of Low Power Electronics and Applications

an Open Access Journal  
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Impact Factor 1.8  
CiteScore 4.3



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Electronics and Applications*  
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## About the Journal

### Message from the Editor-in-Chief

Journal of Low Power Electronics and Applications (ISSN 2079-9268) is an open access journal which provides an advanced forum for the studies of electronics for low power applications. A special emphasize is made on ultralow power bio-medical applications. It publishes reviews, regular research papers and short communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

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### Editor-in-Chief

Dr. Davide Bertozzi

Reader in Advanced Processing Technologies, Department of  
Computer Science, University of Manchester, Manchester M13 9PL, UK

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### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).

#### Journal Rank:

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