

## Special Issue

# Energy Efficiency in Edge Computing

### Message from the Guest Editors

The list of possible topics includes, but is not limited to, the following:

- Optimization of workload distribution;
- Intelligent power management;
- Leveraging of renewable energy;
- Energy-aware algorithms;
- Efficient network communication;
- Load balancing;
- Dynamic resource allocation;
- Serverless computing;
- Energy-aware scheduling;
- Data compression and aggregation;
- Edge–cloud integration;
- Resource placement and orchestration;
- Energy, performance, and cost-efficient IoT, edge, and cloud service offerings;
- Machine learning (ML) and artificial intelligence (AI) techniques and algorithms for intelligent computation over the edge infrastructure.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 November 2023)



## Journal of Low Power Electronics and Applications

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an Open Access Journal  
by MDPI

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Impact Factor 1.8  
CiteScore 4.3



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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  
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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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