Journal of
Low Power Electronics and Applications

an Open Access Journal by MDPI

IMPACT FACTOR 1.8

CITESCORE 4.3

Low-Power Systems on Chip Enabling Internet of Things

Guest Editor:

Prof. Dr. Domenico Zito
Department of Engineering, Aarhus University, Nordre Ringgade 1, 8000 Aarhus C, Denmark

Deadline for manuscript submissions:
closed (30 June 2015)

Message from the Guest Editor

Dear Colleagues,

The Internet of Things is expected to be the next-generation network connecting people to people (P2P), people to machine (P2M), and machine to machine (M2M), and will be the "network of the networks" that incorporates a diversity of functionalities and technologies in support of new applications and services in a "smart" world.

Energy efficiency and miniaturization are the two most critical technical challenges for the hardware implementation of microelectronic systems enabling Internet of Things. Low-power smart systems on a chip are the key enabling solutions.

This Special Issue is aimed at presenting the latest advances and future challenges in low-power system-on-chip designs and implementations for communication, sensing, processing, actuation, energy harvesting and management, enabling Internet of Things.

Prof. Domenico Zito
Guest Editor

Journal of
Low Power Electronics and Applications

IMPACT FACTOR 1.8

CITESCORE 4.3

an Open Access Journal by MDPI

Editor-in-Chief

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
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).

Contact Us

Journal of Low Power Electronics and Applications Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jlpea
jlpea@mdpi.com
𝕏@JLPEA_MDPI