

Special Issue

FPGA and Reconfigurable Computing

Message from the Guest Editor

The pervasive use of electronics in many areas of human activity has led to a remarkable expansion of the scope and importance of power- or energy-constrained computing environments. The challenges created by this trend are being met in part by flexible heterogeneous and reconfigurable computing platforms in order to achieve new levels of power or energy efficiency while processing growing amounts of data with increasingly sophisticated algorithms. This Special Issue of the *JLPEA* is dedicated to advances in all aspects of low-power reconfigurable computing from new reconfigurable fabrics in emerging technologies up to system-level monitoring and run-time management infrastructures, including new circuits and architectures for FPGAs and CGRAs, reconfigurable hardware accelerators and new applications of dynamic reconfiguration.

Guest Editor

Prof. Dr. João Canas Ferreira

INESC TEC and Faculty of Engineering of the University of Porto, 4200-465 Porto, Portugal

Deadline for manuscript submissions

closed (31 December 2017)



Journal of Low Power Electronics and Applications

an Open Access Journal
by MDPI

Impact Factor 1.8
CiteScore 4.3



mdpi.com/si/10535

*Journal of Low Power
Electronics and Applications*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jlpea@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Journal of Low Power Electronics and Applications is an open access journal which provides an advanced forum for rapid dissemination of innovative research and important results in all aspects of low power electronics and design.

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. The full experimental details must be provided so that the results can be reproduced.

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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