



FPGA and Reconfigurable Computing

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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.





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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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