

Special Issue

High-Performance Embedded Systems

Message from the Guest Editors

Non-functional constraints such as execution time, memory capacity, and energy consumption are a significant challenge for designers in the field of embedded systems. New applications are being proposed that integrate an increasing variety of functionality into everyday objects, imposing several additional requirements on embedded system designers. This Special Issue invites researchers to contribute original research, case studies, and reviews that address topics related to designs and applications of high-performance digital embedded systems. The topics relevant for this Special Issue include (but are not limited to):

- Low-power IoT applications;
- Embedded FPGA and SoC implementations;
- Embedded ASIC implementations;
- Machine learning on the Edge;
- Efficient data-processing algorithms

Guest Editors

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Deadline for manuscript submissions

closed (15 February 2025)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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