

Special Issue

Evolutionary Hardware-Software Codesign Based on FPGA

Message from the Guest Editors

This Special Issue, entitled “Evolutionary Hardware-Software Codesign Based on FPGA”, is intended to present the latest advances in applications, tools, and designs benefiting from this hybrid technology, including (but not limited to):

- Hardware–software codesign for FPGA-based acceleration;
- System and software for FPGA accelerator compilation;
- High-level abstractions and tools for FPGAs;
- AI and ML application based on FPGA implementations;
- RISC-V-embedded cores acceleration;
- Programmable neuromorphic computing architectures using FPGAs;
- Implementation of novel applications based on FPGAs;
- FPGA Implementation of deep neural networks.

Guest Editors

Dr. Erez Manor

Department of Computer Science, Sami Shamoon College of Engineering, Beer Sheva 8410501, Israel

Dr. Shlomo Greenberg

Department of Computer Science, Sami Shamoon College of Engineering, Beer Sheva 8410501, Israel

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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