Special Issue

Applications Enabled by FPGA-Based Technology

Message from the Guest Editors

In recent years, FPGA technologies have evolved in the form of tools, design methodologies, and FPGA architectural features. These technologies have enabled or boosted novel application domains. This Special Issue aims to present these application domains and how recent advances in FPGA technologies have made it possible. Topics of interest include but are not limited to:

- Application of models, methods, tools, and architectures for reconfigurable computing;
- Applied self-adapting or evolvable systems;
- Compilation, simulation, debugging, synthesis, verification, and test of reconfigurable systems;
- FPGA-based applications including (but not limited to):
  - Cryptography;
  - Security;
  - Astronomy;
  - Signal and image processing;
  - Communications;
  - Biomedical applications;
  - Embedded systems;
  - Automation;
  - Intelligent systems;
  - Scientific computing;
  - Industrial applications;
  - Data compression;
  - Robotics;

Guest Editors

Dr. Andres Upegui

Prof. Dr. Andrea Guerrieri

Dr. Laurent Gantel

Deadline for manuscript submissions

closed (30 April 2023)

Electronics

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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