



Applications Enabled by FPGA-Based Technology

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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;





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Message from the Editor-in-Chief

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