electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 6.1

VLSI Architectures for Wireless Communications and Digital Signal Processing

Guest Editors:

Prof. Dr. Byeong Yong Kong
Division of Electrical, Electronic, and Control Engineering, Kongju National University, Cheonan 31080, Korea

Prof. Dr. Hoyoung Yoo
Department of Electronics Engineering, Chungnam National University, Daejeon 34134, Republic of Korea

Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editors

This Special Issue solicits original and unpublished papers on high-performance and low-power VLSI architectures and the relevant algorithmic optimizations in the field of wireless communications and digital signal processing.

The topics of interest include but are not limited to:

- VLSI architectures for 5G and 6G telecommunications;
- FPGA and ASIC implementations of signal-processing systems;
- Baseband signal processing for communication systems;
- Circuits and systems for the Internet-of-Things (IoT);
- VLSI architectures for machine learning and artificial intelligence;
- Application-specific instruction-set processors for digital signal processing;
- Hardware-friendly algorithms and optimization techniques;
- Embedded systems on chip (SoCs) for signal-processing applications.

electronics

IMPACT FACTOR 2.6

CITESCORE 6.1

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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 guestedited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI