System-on-Chip (SoC) Design and Its Applications

Guest Editor:

Prof. Dr. Yunho Jung
School of Electronics and Information Engineering, Korea Aerospace University, Goyang-si 10540, Korea

Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editor

The main aim of this Special Issue is to attract submissions of recent high-quality research as well as review articles on the recent progress for "SoC and Its Applications." Topics in this Special Issue include (but are not limited to):

- Circuits for SoC: RF, analog, digital, mixed-signal circuit IP for SoC
- Signal processing for SoC: analog/digital VLSI signal processing for SoC design
- Low-power design: low-power design methodology, power/energy management, energy harvesting
- MPSoC architecture: on-chip interconnect, network-on-chip, memory architecture for multicore computing, platform architectures
- SoC for AI applications: machine learning, deep neural network, neuromorphic computing
- SoC for intelligent systems: automotive, IoT, medical/healthcare, wired/wireless communications, consumer electronics, etc.

Special Issue

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 guest-edited 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 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us