Special Issue

Bio-Inspired Architectures: From Neuroscience to Embedded AI

Message from the Guest Editors

This Special Issue aims to compile recent works on architectures, methods, and bio-inspired feature implementations. Potential topics include but are not limited to the following:

- Neuromorphic architectures;
- Self-organizing hardware;
- Evolvable and adaptive hardware;
- Self-reconfigurable hardware;
- Self-repairing and fault-tolerant systems;
- Real use-cases of bio-inspired hardware;
- Run-time hardware evolution;
- Run-time learning strategies.

Welcome to contribute.

Guest Editors

Dr. Andres Upegui

Prof. Dr. Bernard Girau

Prof. Dr. Benoît Miramond

Dr. Nicolas Rougier

Deadline for manuscript submissions

closed (31 December 2021)

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).

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