AI for Embedded Systems

Guest Editors:

Dr. József Sütő

Prof. Dr. Stefan Oniga

Dr. Alin-Sasa Tisan

Prof. Dr. Fernando Morgado-Dias

Deadline for manuscript submissions:
closed (31 May 2022)

Message from the Guest Editors

The recent developments in hardware technology have enabled both shallow and deep machine learning algorithms to be hardware implementable on various embedded system frameworks. However, due to their constraints, such as computational capacity or power consumption, to mention a few, their implementation suffers significant drawbacks.

The aim of this Special Issue is to encourage researchers to present original and recent developments on shallow and deep machine learning methods that are primarily designed for embedded systems implementation. Topics of interest include, but are not limited to:

- Bio-inspired systems
- Autonomous vehicles
- Autonomous robots
- Precision agriculture
- Health monitoring
- Ambient-assisted living
- Human activity recognition
- Human–machine interaction
- AI in computer networks

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, and other databases.
Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us