



an Open Access Journal by MDPI

AI for Edge Computing

Guest Editors:

Dr. Jimmy Ming-Tai Wu

Department of Information Management, National Kaohsiung University of Science and Technology, Kaohsiung 82445, Taiwan

Dr. Matin Pirouz

College of Science and Mathematics, California State University, Fresno, CA 93740, USA

Dr. Shahab Tayeb

Department of Electrical and Computer Engineering, California State University, Fresno, CA 93740, USA

Deadline for manuscript submissions:

20 August 2024

Message from the Guest Editors

Dear Colleagues,

The focus of this Special Issue proposal is on AI for edge computing, because “letting AI enhance the performance of edge computing” and “letting AI run on edge” are two promising research topics nowadays, especially in modern information systems, such as the traffic light control system and other relevant smart city applications. Among the issues, **downsizing** machine learning, data mining, deep learning to make them run on the edge, finding a set of **suitable hyperparameters**, and even searching for a **good neural architecture** for the deep neural network have attracted the attention of researchers from different disciplines. That is why this Special Issue will be focusing on intelligent algorithms for edge computing and their applications, such as downsizing and accelerating solutions of AI and edge devices/servers.

It is expected that this Special Issue will attract a lot of submissions from the research societies of AI, the Internet of Things (IoT), Wireless Sensor Network (WSN), smart city, and so forth. We can then select some high-quality papers from them to further increase the reputation and impact of ICT Express.



mdpi.com/si/161736

Special Issue



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 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 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems 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](https://x.com/electronicsMDPI)