Special Issue

Edge AI for 6G and Internet of Things

Message from the Guest Editors

Dear Colleagues: The aim of this Special Issue of *Electronics* is to present state-of-the-art investigations in various Edge AI technologies for future 6G and Internet of Things applications. We invite researchers to contribute original and unique articles, as well as sophisticated review articles. Topics include, but are not limited to, the following areas:

- The deployment of AI in radio access network;
- Dynamic resource allocation in wireless communications;
- Al-based computation offloading;
- Intelligent mobile edge computing;
- Big Data-assisted 5G/6G private network;
- Al-based 5G/6G MEC optimization and operation;
- Big Data and AI for 5G/6G cellular network optimization;
- Edge computation-based network structure for spaceterrestrial integrated network;
- Semantic communication for 6G and Internet of Thing network;
- Decentralized ID and blockchain for user identification in 6G edge computation network.

Guest Editors

Dr. Xin Hu

School of Electronic Engineering, Beijing University of Posts and Telecommunications, Beijing 100876, China

Dr. Ziwei Liu

School of Telecommunications and Information Engineering, Nanjing University of Posts and Telecommunications, Nanjing 210003, China

Dr. Lexi Xu Research Institute, China Unicom, Beijing 100048, China

Deadline for manuscript submissions

closed (30 November 2023)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/133254

Electronics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 electronics@mdpi.com

mdpi.com/journal/

electronics





an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



electronics



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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).