electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 6.1

Edge Computing for Internet of Things

Guest Editors:

Dr. Kevin Lee
School of Information Technology, Deakin University, Melbourne, VIC 3217, Australia

Prof. Dr. Ka Lok Man
Department of Computer Science and Software Engineering, Xi'an Jiaotong Liverpool University, Suzhou Dushu Lake Higher Education Town, Suzhou Industrial Park, Suzhou, Jiangsu Province, China

Deadline for manuscript submissions:
closed (15 January 2022)

Message from the Guest Editors

This Special Issue focuses on solving this problem through the use of edge computing. Edge computing offers a solution to managing IoT data through the processing of IoT data close to the location where the data are being generated. Edge computing allows computation to be performed locally, thus reducing the volume of data that need to be transmitted to remote data centers and Cloud storage. It also allows decisions to be made locally without having to wait for Cloud servers to respond.

We encourage papers in all areas related to this topic, including software architectures, systems, IoT devices, edge computing devices and fog computing.

- Internet of Things
- Edge computing
- Fog computing
- Cloud computing
- 5G wireless
- Local processing
- Big data
- Embedded systems
- Data processing
- Gateways
- Data analysis
- Data reduction
- Real-time data processing

Please click here to find information!
Welcome to contribute!

electronics

IMPACT FACTOR 2.6

CITESCORE 6.1

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, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic 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