



Artificial Intelligence of Things (AIoT): Opportunities, Challenges, and Solutions

Guest Editors:

Prof. Dr. Gyu Myoung Lee

School of Computer Science and
Mathematics, Liverpool John
Moores University, Liverpool L3
3AF, UK

Dr. Ehsan Ahvar

Learning, Data and Robotics
Laboratory, ESIEA Graduate
Engineering School, 75005 Paris,
France

Deadline for manuscript
submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

The Internet of Things (IoT), with the help of other technologies, such as edge computing, artificial intelligence (AI) and 5G, is driving a significant shift to support the emerging IoT-related applications with specific requirements with better flexibility and efficiency. In this regard, AI subdomains, such as data analytics and learning techniques, play an important role in supporting the emerging IoT-related applications. AI integrated with IoT heralds the era of Artificial Intelligence of Things (AIoT). Although AIoT could provide some noticeable opportunities and benefits, integrating AI with IoT brings some challenges and concerns.

This Special Issue is designed to highlight the important challenges facing AIoT and their potential solutions. It also aims to introduce emerging AIoT-related applications and presents recent progress in the AIoT research domain, ranging from the use of AI to various systems and architecture efficiency.





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 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)