

Special Issue

Application of Artificial Intelligence in the New Era of Communication Networks

Message from the Guest Editors

The main aim of this Special Issue is to provide an overview of the current research on wireless and mobile communication technologies, based on contributions from machine learning, mobile edge computing, blockchain, and other fields of artificial intelligence, including channel modelling, signal estimation and detection, energy efficiency, vehicular communications, and wireless multimedia communications. The topics of interest include, but are not limited to:

- Wireless and wireline communications;
- Beyond 5G & 6G access and core networks;
- Blockchain services and applications;
- Artificial intelligence and intelligent systems;
- Big data analysis;
- Cloud technologies and applications;
- Machine learning;
- Internet of Everything;
- Autonomous driving and V2X solutions;
- Next-generation networks;
- Holographic Communication;
- Cyber Security;
- e-Health.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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