Special Issue

Machine Learning for Wireless Communications

Message from the Guest Editors

This Special Issue aims to bring together advances in the research on machine learning for wireless communications across a broad range of applications. Topics of interest include but are not limited to the following:

- Machine learning (including deep learning, deep reinforcement learning, etc.) for signal detection, classification, compression;
- Machine learning for spectrum sensing, localization, and positioning;
- Machine learning for channel modeling, estimation, and prediction;
- Machine learning for resource allocation and network optimization;
- Machine learning for new emerging applications toward 6G (including intelligent reflection surface, unmanned aerial vehicles, the Internet of Things, etc.)
- Performance analysis and evaluation of machine learning empowered wireless communication systems;
- Machine learning for vehicular networks;
- Distributed machine learning/federated learning and communications.

Guest Editors

Dr. Chang Liu

Dr. Shihao Yan

Dr. Qingqing Cheng

Dr. Minghui Min

Dr. Weijie Yuan

Deadline for manuscript submissions

closed (31 October 2022)

Future Internet

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 8.3

mdpi.com/si/93802

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

mdpi.com/journal/futureinternet

Future Internet

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 8.3

mdpi.com/journal/futureinternet

MDPI

About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma, Parco Area delle Scienze, 181/A, 43124 Parma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)