

Special Issue

Artificial Intelligence in Mobile Networks

Message from the Guest Editors

The growing complexity and dynamism of mobile networks require new solutions to ensure their efficiency, scalability and resilience. Artificial Intelligence (AI) has emerged as a key element in responding to these challenges, providing powerful tools for the development, optimization, automation and enhancement of mobile communications systems.

This Special Issue aims to synthesize cutting-edge studies that demonstrate how AI techniques, including machine learning, deep learning and reinforcement learning, can contribute to the continuous evolution of mobile network management and performance, from 5G to future generations of mobile communications. We welcome contributions on topics such as intelligent resource management, network self-optimization, anomaly detection, predictive maintenance and network management supported by Artificial Intelligence. Surveys and papers that focus on theoretical advances as well as practical implementations are also appreciated.

Guest Editors

Dr. Daniel F.S. Fernandes

Dr. Gabriela Eleutério Soares

Prof. Dr. Francisco Cercas

Deadline for manuscript submissions

31 May 2026



Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



mdpi.com/si/239982

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

[mdpi.com/journal/
futureinternet](https://mdpi.com/journal/futureinternet)





Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



[mdpi.com/journal/
futureinternet](https://mdpi.com/journal/futureinternet)



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)