

Special Issue

Generative Artificial Intelligence: Systems, Technologies and Applications

Message from the Guest Editors

Generative artificial intelligence has become popular during recent years, providing enhanced experiences to users and advancing many fields. The availability of Web-based systems encompassing generative artificial intelligence provides enhanced experiences to Internet users, enabling them to utilize advanced AI methods. This Special Issue aims to address recent advances in generative AI and how these affect the evolution of the Internet. It welcomes original, unpublished research and review papers concerning all relevant aspects. Topics of interest include, but are not limited to, the following:

- New application fields of generative AI;
- New viewpoints in existing application fields of generative AI;
- Improving the effectiveness of methods used in generative AI;
- New AI methods in the context of generative AI systems;
- Time efficiency and generative AI systems;
- Improving user interaction with generative AI systems;
- Security and generative AI systems;
- Combination of generative AI systems with other AI systems;
- Explainable AI methods and generative AI;
- Neural networks and generative AI;
- Data mining and generative AI;
- Natural language processing and generative AI.

Guest Editors

Dr. Jim Prentzas

Department of Education Sciences in Early Childhood, Democritus University of Thrace, 68100 Alexandroupolis, Greece

Prof. Dr. Ioannis Hatzilygeroudis

Prof. Emeritus, Dr., Department of Computer Engineering and Informatics, University of Patras, 26504 Patras, Greece

Deadline for manuscript submissions

30 April 2026



Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



mdpi.com/si/224592

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)