

## Special Issue

# Advances in Artificial Intelligence and Machine Learning for Social Networking

### Message from the Guest Editors

Artificial intelligence, and specifically machine learning, is quickly becoming more pervasive in many fields, with applications ranging from computer science to social sciences. The fast diffusion of machine learning was actualized through the efforts of researchers, whose focus is not only on the applications, but also on the development of novel approaches, algorithms, and models.

The focus of this Special Issue is, thus, twofold: to push the state-of-the-art of graph representation learning with novel approaches, while also providing an overview of existing ones, and to promote their application in complex networks, for instance, to tackle hard or large societal impact problems or to gain novel insights using model “explanation” tools. This Special Issue aims to discuss and cover trending topics, such as the application of data science and network science and geometric deep learning to socially relevant problems.

### Guest Editors

Dr. Michele Malgeri

Dipartimento di Ingegneria Elettrica, Elettronica Informatica (DIEEI),  
Università di Catania, I95125 Catania, Italy

Dr. Marco Grassia

Dipartimento di Ingegneria Elettrica, Elettronica Informatica (DIEEI),  
Università di Catania, I95125 Catania, Italy

### Deadline for manuscript submissions

closed (15 November 2022)



## Future Internet

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 8.3



[mdpi.com/si/121880](https://mdpi.com/si/121880)

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