

## Special Issue

# Big Data Analytics and Artificial Intelligence in Next-Generation Wireless Networks

### Message from the Guest Editor

Due to technological breakthroughs and advancements, next-generation wireless networks will be unlike today's, diverse and complex, and able to adapt to the changing needs of the consumers. The systematic analysis and mining of big data helps in making such complex systems intelligent, and it facilitates their efficient as well as cost-effective operation and optimization. The objective of this Special Issue is to define the framework of the big data analytics and artificial intelligence in next-generation wireless networks, its services, and breakthrough technologies. We are soliciting original contributions that have not been published and are not currently under consideration by other journals.

Particular emphasis is placed on new concepts and ideas. The topics of interest include, but are not limited to, the following:

- Machine learning;
- Artificial intelligence;
- Deep learning;
- Reinforcement learning;
- Cloud computing;
- Next-generation wireless networks.

---

### Guest Editor

Prof. Dr. Matjaz Perc

Faculty of Natural Sciences and Mathematics, University of Maribor,  
Koroška Cesta 160, 2000 Maribor, Slovenia

---

### Deadline for manuscript submissions

closed (31 August 2023)



## Future Internet

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 8.3



[mdpi.com/si/127320](https://mdpi.com/si/127320)

*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)