Special Issue

Artificial Intelligence in Next-Generation Networks: Cloud/Edge Perspectives and Applications

Message from the Guest Editors

The scope of this Special Issue, "Artificial Intelligence in Next-Generation Networks: Cloud/Edge Perspectives and Applications", includes, but is not limited to, the following topics:

- AI techniques for network optimization;
- AI-powered network security;
- Edge AI for network applications;
- Edge AI for industrial IoT and autonomous systems;
- Cloud-based AI for network management;
- Intelligent agents for network automation;
- Self-organizing networks and autonomous network management;
- Intelligent agents for user experience optimization;
- Trustworthiness and security in AI-powered networks;
- Explainable AI and model interpretability.

Guest Editors

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Deadline for manuscript submissions

31 July 2026

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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.

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