



Intelligent and Immersive 5G and beyond Telecommunications: Enabling the Next-Level Artificial Intelligence Integration

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Message from the Guest Editors

Currently, 5G connectivity is providing us with an interesting playground to test and validate innovative solutions, whilst the upcoming sixth generation technology for cellular networks (aka 6G) is challenging us to rethink what types of new services could benefit the market and society. One of the most promising innovations is the integration of Artificial Intelligence (AI) into this system.

We invite researchers, scientists, and experts in the fields of AI and telecommunications to contribute to a Special Issue that explores the latest advancements and applications of AI in the sector. The topics of interest include, but are not limited to:

- Machine learning algorithms for network optimization;
- AI-driven network orchestration and management;
- AI-enhanced security solutions for 5G and beyond networks;
- Intelligent edge computing in 5G and beyond networks;
- AI-powered quality of service (QoS) enhancements;
- Immersive applications and haptic technology use cases
- IoT and AI applications enabled by 5G and beyond;
- Network slicing and AI-driven resource allocation





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Message from the Editor-in-Chief

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