Key Enabling Technologies for Beyond 5G Networks

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Message from the Guest Editors

Machine learning and artificial intelligence technologies will impact the design of communication systems across all the layers of the communication architecture, operating both at the link and system level. New communication systems will constitute a framework for providing services thanks to new computing architectures and the intelligence that spreads across the network. In this case, the security should be provided at all levels for a network with embedded trust, also providing protection at the physical layer.

This Special Issue aims at investigating emerging and future key technologies for wireless communication systems in the 5G-and-beyond era. Topics include but are not limited to:

- THz and visible light communications
- intelligent reflecting surfaces (IRS)
- cognitive and dynamic spectrum access
- machine learning and artificial intelligence for wireless communications system
- energy-efficient wireless communications and networking
- network softwarization and virtualization
- network security
- physical layer security
- zero-touch networks
- massive IoT communication

Special Issue

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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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