Special Issue

Key Intelligent Technologies for Wireless Communications and Internet of Things

Message from the Guest Editors

The goal of this Special Issue is to provide an overview of the latest developments regarding key intelligent technologies for wireless communications and Internet of things. Topics of interest include, but are not limited to, the following:

- AI-based signal detection, signal classification and signal processing;
- AI-based channel modeling, channel estimation and feedback;
- AI-based positioning, sensing and localization;
- AI-based beamforming and resource allocation;
- AI-based non-orthogonal multiple-access (NOMA);
- AI for IoT and massive connectivity;
- AI for integrated sensing and communications;
- AI for reconfigurable intelligent surface (RIS)-aided wireless communication;
- AI for massive MIMO and cell-free massive MIMO;
- AI for mmWave and Terahertz communication;
- AI for semantic communication;
- AI for green communication;
- AI for UAV communication;
- AI for ultra-reliable and low latency communication;
- AI-enabled techniques for robustness, security, and privacy in wireless communications and Internet of things.

Guest Editors

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Prof. Dr. Yun Lin

Prof. Dr. Haitao Zhao

Deadline for manuscript submissions

closed (31 March 2024)

Future Internet

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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