



Artificial Intelligence (AI) and the Future of Communication

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Deadline for manuscript submissions:

closed (20 June 2024)

Message from the Guest Editors

This Special Issue aims to report on applications in the wireless communication, signal processing, and IoT domains that benefit from AI technologies including machine learning, reinforcement learning and deep learning. In this context, we are looking for contributions covering one or more of the following topics:

- AI applications in 5G systems and beyond;
- AI-enabled smart technologies for human-centred IoT systems;
- MIMO systems;
- 5G IoT and edge computing convergence—systems, services, and security;
- Ubiquitous and cognitive AI in IoT;
- AI for vehicular communication;
- Deep learning-driven distributed communication systems;
- Blockchain-enabled communication systems;
- Softwarized UAV network management for next-generation internet-based communities;
- Antenna array design for sensing and communications;
- AI-based collaborative computing for smart communications and networking systems;
- Edge and 6G-driven ubiquitous wireless communications;
- Deep learning in mining mobile intelligence for wireless systems;
- Integrating network softwarization techniques into 6G communication systems and applications.





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Message from the Editor-in-Chief

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