

## Special Issue

# Artificial Intelligent in 5G/6G Research: Radio Frequency, Physical Layer, Networking and Security

### Message from the Guest Editors

With the continuous integration of 5G/6G key technologies and artificial intelligence (AI)-enabling technologies, the performance of the communication system can be significantly improved. It is necessary to achieve important breakthroughs in key technologies of the 5G/6G network. In the future, AI will develop from 5G application towards 6G endogenous intelligence, through multi-domain integration, intelligent adaptation of frequency spectrum, computing, storage, and other multi-dimensional resources. However, the security boundary brought by multi-domain integration is fuzzy, and network security and privacy issues face new challenges. Using AI to realize network self-optimization and improve network security has become a research hotspot. Furthermore, the combination of intelligent industry application with the internet of things is the main trend for the future network development. This Special Issue aims to provide a platform to academia and industry experts to exchange their ideas and publish the latest research trends and results related to AI in 5G/6G research.

### Guest Editors

Prof. Dr. Junhui Zhao  
Prof. Dr. Dongming Wang  
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### Deadline for manuscript submissions

closed (15 January 2024)



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### Editor-in-Chief

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