



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

Guest Editors:

Prof. Dr. Junhui Zhao

School of Electronic and
Information Engineering, Beijing
Jiaotong University, Beijing
100044, China

Prof. Dr. Dongming Wang

National Mobile Communication
Research Laboratory, Southeast
University, Nanjing 211189, China

Dr. Yansha Deng

Department of Engineering,
King's College London, London
WC2R 2LS, UK

Deadline for manuscript
submissions:

closed (15 January 2024)

Message from the Guest Editors

Dear Colleagues,

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.





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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
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