Special Issue

Wireless Communications for UAVs, IoT, 5G Technologies, Information and Coding Theory

Message from the Guest Editor

With the rapid advancement of wireless communication technologies, the Internet of Things (IoT), Unmanned Aerial Vehicles (UAVs), and 5G networks are reshaping how devices and systems interact. The integration of 5G with IoT and UAVs has led to significant improvements in data transmission rates, ultra-reliable low-latency communications (URLLC), and massive machine-type communications (mMTC). Additionally, information and coding theory advancements are crucial to ensuring efficient data processing, error correction, and security in modern wireless communication systems. This Special Issue aims to bring together researchers to explore recent developments, challenges, and future trends in wireless communications, UAVs, IoT, 5G technologies, and information and coding theory. We welcome high-quality original research articles and review papers that address theoretical and applied aspects in these domains. Topics of interest for this Special Issue include, but are not limited to:

- UAV Communication Technologies
- IoT Communication Technologies
- 5G and Beyond Wireless Networks
- Information and Coding Theory Applications
- Emerging Technologies and Applications

Guest Editor

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About the Journal

Message from the Editor-in-Chief

I would like to introduce the new, online, and open access journal *Telecom*. The purpose of *Telecom* is to publish high-quality research papers as well as review articles that address recent advances in communications technology. We invite researchers to contribute original papers describing applications and experiences in emerging trends of all fields of telecommunications engineering. *Telecom* also welcomes Special Issue proposals from academics and industrial researchers. We aim to facilitate more collaboration between scientists and engineers around the world, such that they will produce their innovative ideas and submit their cutting-edge technologies to *Telecom*. We anticipate the receipt of your contributions to *Telecom*, and we welcome your comments and ideas on how to improve this journal.

Editor-in-Chief

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