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Innovative Technologies in Telecommunication

Guest Editor:

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Message from the Guest Editor

5G wireless communication will become a core infrastructure for the fourth industrial revolution (4IR). One of the major objectives of 5G is to meet projected mobile traffic demand and to holistically address the communications needs of most sectors of the economy, including the automotive, manufacturing, media, retail, and consumer sectors. Therefore, innovations in telecommunication with 4IR drive new research opportunities in a variety of areas including artificial intelligence (AI), cloud computing, big data, Internet of Things (IoT), and mobile communications. In this Special Issue, we are particularly interested in describing, defining, and quantifying the potential problems in telecommunications and looking for innovative solutions, prototypes, and demonstrators which may be applied in economic sectors.

Topics of interests include but not limited to:

AI technologies such as machine/deep learning in telecommunication

IoT technologies such as cars, robots, drones, and wearable devices in telecommunication

5G/6G technologies for eMBB, URLLC, and mMTC in telecommunication

Positioning technologies in telecommunication

Spectrum-efficient technologies in telecommunication

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Message from the Editor-in-Chief

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