Special Issue

Design, Simulation, Integration, and Measurement Technologies of 5G/B5G/6G

Message from the Guest Editors

Dear Colleague,

The 5G/6G generation of cellular communications is one of the key enabling technologies of current and future information society. 5G/B5G/6G communication network service features high-demand end-to-end performance, ultra-high capacity, low power consumption, supports many users, massive machine type communication, and ultra-reliable low-latency communication for next-generation networks. To meet these requirements, a large number of small cells need to be deployed in 5G/B5G/6G networks to provide dense and wide coverage, supported by centralized radio access network architecture. As a result, research for innovative, spectral and energy-efficient, and yet cost-effective solutions for future 5G/B5G/6G networks is vital to improve the performance of next-generation communication networks.

This Special Issue aims to attract novel contributions covering topics of interest which include, but are not limited to, the following areas: network architecture design and performance optimization, radio-over-fiber and photonic-assisted wireless systems, enhanced radio access technologies, advanced sensor networks, etc.

Guest Editors

Dr. Peng-Chun Peng

Department of Electro-Optical Engineering, National Taipei University of Technology, Taipei, Taiwan

Dr. Po-Hsuan Tseng

Department of Electronic Engineering, National Taipei University of Technology, Taipei, Taiwan

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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