Special Issue

Massive MIMO Systems for 5G and beyond Networks: Latest Advances and Prospects

Message from the Guest Editor

This Special Issue aims to provide an overview of 5G communications and beyond, including the perspectives for 6G communications, in terms of network, services, and requirements, while describing advances in transmission techniques foreseen for future updates of 5G. All new ideas about how to improve performance, capacity, and/or spectrum efficiency of transmission techniques for 5G and beyond, while keeping computational cost at an acceptable level are most welcome. Contributions to this Special Issue should provide an overview of how the proposed transmission techniques bring added value to the advances of cellular communications, in terms of performance and/or advanced requirements. Keywords

- 5G and beyond
- massive MIMO
- millimeter-wave communications
- block transmission techniques
- non-orthogonal multiple access
- 6G Communications
- visible light communications and terahertz bands

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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.

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