Communication Systems and Networks

Guest Editor:

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Message from the Guest Editor

Communication systems and networks are pivotal in enabling global connectivity, supporting everything from personal communications to industrial automation and smart city infrastructure. Recent years have witnessed remarkable progress in areas such as 5G deployment, artificial-intelligence-driven network optimization, cybersecurity strategies, and the integration of renewable energy sources into communication infrastructure. Topics of interest include, but are not limited to, the following:

- Advanced wireless communication technologies;
- Security and privacy in communication networks;
- Link prediction and scheduling in networks;
- Machine learning and AI applications in network management;
- Applications of communication networks in smart cities, smart power, and beyond.

Special Issue

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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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