

Special Issue

Technologies of Highly Efficient Telecommunication Systems and Devices

Message from the Guest Editor

Telecommunications is progressively being implemented all around the world, connecting not only people with each other, but also many technical devices around us. At the same time, the resources that they can use are fundamentally limited—in both spectral and energy efficiency.

This Special Issue will look at advanced technologies for increasing the efficiency of telecommunication systems and devices globally speaking. This is an increase in spectral efficiency, and energy efficiency, taking into account their possible coexistence.

A wide range of applications for these solutions is required in various levels of the development surrounding telecommunications infrastructure, characteristics of objects in terms of mass and speed, and differences in the conditions of radio wave propagation. These solutions will be energetically locally optimal for each specific condition, and that is the purpose of this Special Issue. We invite all the academic community, researchers, and leaders from the industry, and innovators to contribute with great new ideas for our common and global connected world.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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