

Special Issue

Wireless Powered Cognitive Radio Sensor Networks

Message from the Guest Editors

The present Special Issue, "Wireless-Powered Cognitive Radio Sensor Networks", approaches the problem of spectrum management and optimal resource allocation in the context of fast-growing data and resource demand, with a twofold aim: to explore current implementations of cognitive radio sensor networks; to address the issue of wireless power delivery to ensure their continuous and seamless working cycle. The role of cognitive radios is becoming more and more important, since they are able to access the frequency spectrum in an opportunistic manner, thus exploiting the always-true paradox of highly allocated but poorly exploited frequency resources.

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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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