Special Issue

Sensor and IoT Technologies for Next-Generation/6G Communication Systems

Message from the Guest Editors

To achieve the ambitious goals of Next-Generation/6G communication systems, significant advancements must be made in sensor and IoT technologies. These goals include ultra-reliability, low latency, and massive connectivity, and will directly enable intelligent network management, optimization, and control. Key research directions in this field include leveraging sensor and IoT technologies to enhance energy efficiency (green communication) and support the diverse range of critical 6G applications. This Special Issue seeks contributions on novel sensors, IoT architectures, and intelligent approaches to managing, controlling, and optimizing 6G environments.

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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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