Special Issue

RF and IoT Sensors: Design, Optimization and Applications

Message from the Guest Editor

Non-contact and contagious electromagnetic sensors (RF, IoT, RFID, Sensor Tag, UHF, near-field, electric, magnetic, acoustic, etc.) are used for detecting signals emitted by insulation defects, either internally or externally. RF/IoT sensors have been extensively utilized in diverse applications, such as chemical sensors for homeland security, industry, academia, and recently implantable biosensors and RF physical sensors. RF antennas find ubiquitous applications in items such as mobiles, laptops, radiofrequency identification (RFID), Global Positioning System (GPS) applications, etc. The aim of this Special Issue is to report on recent advances relating to RF/IoT components (antennas and sensors) and to contrive antennas and sensing schemes for advanced applications and optimization techniques.

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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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