

Special Issue

RF Sensors: Design, Optimization and Applications

Message from the Guest Editors

Non-contact and contagious electromagnetic sensors (RF, UHF, near field, electric, magnetic, acoustic, etc.) are used for detecting signals emitted by insulation defects either internally or externally. RF sensors have been extensively utilized in diverse applications, such as chemical sensors for homeland security, industry, academia, and, recently, implantable biosensors, RF physical sensors. RF Antennas find ubiquitous applications in items such as mobiles, laptops, radio-frequency-identification (RFID), global-positioning-system (GPS) applications, etc. The aim of this Special Issue is to report on recent advances relating to RF components (antennas and sensors) as well as 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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