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State-of-the-Art Technologies in Microwave Sensors

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Message from the Guest Editors

Microwave sensors have been employed in various applications, from agriculture and environmental monitoring to the biomedical industry. Development in in this area includes novel deployment of planar passive resonant elements, substrate integrated waveguide, antenna, active component, imprinted polymer, doppler radar sensor, whispering gallery mode, lab-on-chip platform, and more recently, intriguing application of artificial neural network in pursuit of smart sensors.

This special issue focuses on the latest updates in developing microwave sensors and sensing systems that aim to resolve the problems associated with emerging sensing techniques, possibly its integration with sensing network at a higher system level, and enabling demanding and impactful applications.

- Microwave Sensor
- Material Characterization
- Sensor Networks
- Sub-surface Detection
- Crack Detection
- Sensors for IoT
- Sensors for motion control applications
- Sensors for agriculture and food industry
- RFID-based sensors
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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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