



Photonic and Microwave Sensing Developments and Applications

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Message from the Guest Editors

Photonic and microwave sensing is an ever-growing research area, which is relevant for a large number of important applicative fields, including medical diagnostics, environmental monitoring, industrial applications, defense, and food safety and security, to name but a few.

This Special Issue will collect contributions from scientists working in these fields and in all the pertinent applicative contexts that provide recent advances in Photonic and Microwave sensing, including physical modeling, hardware design, computational methods, signal processing, and experimental verification under realistic conditions.

Topics of interest for this Special Issue include, but are not limited to the following:

- Optical sensors and applications
- Microwave sensors and applications
- Smart materials, receptors, and nanostructure
- Optical and microwave imaging
- Machine learning-based signal processing
- Material characterization
- Biosensors





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Message from the Editor-in-Chief

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