



Photonic and Microwave Sensing Developments and Applications

Guest Editors:

Prof. Dr. Raffaele Solimene

Dipartimento di Ingegneria,
Università degli Studi della
Campania, 81031 Aversa, Italy

Prof. Dr. Nunzio Cennamo

Department of Engineering,
University of Campania Luigi
Vanvitelli, Via Roma 29, 81031
Aversa, Italy

Dr. Maria Antonia Maisto

Department of Engineering,
University of Campania Luigi
Vanvitelli, Via Roma 29, 81031
Aversa, Italy

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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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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
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