

## Special Issue

# Photonic and Microwave Sensing Developments and Applications

### 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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### Guest Editors

Prof. Dr. Raffaele Solimene

Prof. Dr. Nunzio Cennamo

Dr. Maria Antonia Maisto

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### Deadline for manuscript submissions

closed (30 April 2021)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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