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# New Insights into Microwave Sensor Design and Applications

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Message from the Guest Editors

#### Dear Colleagues,

This Special Issue is devoted to collect high-quality research articles with new insights into microwave sensor design and applications. Articles may address new insights related to sensing that are applicable to many types of analytes, or papers which report on the application of an existing sensing concept in a new way or for a new analyte. We encourage researchers from various fields within the journal's scope to contribute research articles highlighting the latest developments in their research field, or to invite relevant experts and colleagues to do the same. The topics of interest for this Special Issue include, but are not limited to:

- Microwave biosensor;
- Microwave gas sensor;
- Microwave sensor arrays;
- Quantitative microwave sensor;
- Wireless/non-contact microwave sensor;
- Microwave sensor with AI algorithm;
- Microwave sensor with ASIC chip;
- Microwave sensor with microfluidic devices;
- Microwave sensor for other applications.

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## **Editor-in-Chief**

#### Message from the Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo** Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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