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Sensor Technologies for Microwave Imaging

Guest Editor:

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Deadline for manuscript submissions:
closed (20 February 2023)

Message from the Guest Editor

Dear Colleagues,

Microwave imaging sensors are used to generate incident radiation and collect the field resulting from the electromagnetic interaction with the structure under testing. Microwave imaging (MWI) is crucial in non-destructive testing (NDT) applications, subsurface sensing, ground penetrating radar (GPR) prospection, and biomedical imaging. The aim of this Special Issue is to highlight the most recent research regarding sensing technologies for microwave imaging. Research articles and reviews that provide a comprehensive insight into sensing technologies for microwave imaging on any aspect of sensor development and applications are welcome. Topics of interest include, but are not limited to, the following:

- Biomedical imaging;
- Biosensing;
- Concealed-weapon detection;
- Non-destructive testing;
- Automotive radar;
- Vehicle guidance;
- Microwaves and other electromagnetic waves;
- Industrial and medical applications of microwaves;
- Materials testing;
- Microwave measurement techniques.

Dr. Sandra Costanzo
Guest Editor

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Message from the Editor-in-Chief

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