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Microwaves for Biomedical Applications and Sensing

Guest Editors:

Prof. Dr. Marta Cavagnaro

Department of Information
Engineering, Electronics and
Telecommunications Sapienza
University, Via Eudossiana, 18-
00184 Rome, Italy

Dr. Rosa Scapaticci

Consiglio Nazionale delle
Ricerche, Institute for
Electromagnetic Sensing of the
Environment, 328-80124 Napoli,
Italy

Deadline for manuscript
submissions:

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Message from the Guest Editors

Microwaves are increasingly used in biomedical applications, both in diagnostic as well as therapeutic applications. Examples of developed techniques are radar-based approaches to detect respiratory activity, or microwave imaging techniques to detect strokes, as well as hyperthermia and thermal ablation techniques. Additionally, home-care applications rely on wireless sensors, as well as RFid developments.

The Special Issue will include the most up-to-date research on the use of microwave techniques in biomedical applications, including, but not limited to, the following:

- Electromagnetic diagnostics;
- Advancements in therapeutic techniques;
- Dielectric characterization of biological materials;
- Electromagnetic interactions with biological media;
- Microwave sensors;
- Theranostic applications;
- Bio-radar.

Both numerical and experimental studies are welcome.



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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Sensors Editorial Office
MDPI, St. Alban-Anlage 66
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