

Special Issue

Electromagnetic Technologies for Medical Diagnostics: Fundamental Issues, Clinical Applications and Perspectives

Message from the Guest Editors

This Special Issue aims at providing a comprehensive picture on this lively research area by gathering contributions covering all aspects related to this research, starting from fundamental questions (e.g., dielectric property measurements of tissue, development of imaging methodologies, modelling of EM scattering), to experimental validation in laboratory and in vivo, down to clinical trials and applications (e.g., breast cancer imaging, neuroimaging, biomedical sensing and monitoring of vital parameters). Contributions may be, therefore, related, but not limited, to microwave imaging, microwave radiometry, combined modalities, electrical property tomography, and low frequency imaging methods, such as electric impedance tomography, contrast enhanced imaging, and bioradar.

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