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Terahertz Spectroscopy: Instruments, Methods, and Application

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Deadline for manuscript submissions:
closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

In our opinion, the participation of leading scientists is important to guide the reader and new users toward world learning at terahertz. In this way, it will be necessary to develop new approaches to the creation of THz radiation sources, THz detectors, and new schemes of THz spectrometers. This can be useful in the development of new methods of investigation in astrophysics, biology, medicine, ecology, agriculture, etc.

Particularly welcome will be works that validate, at the experimental level, preliminary numerical simulations. In situ applications are considered on the same level as laboratory measurements, although we imagine that case studies will not be the majority of the published papers. With respect to the future generations of researchers and diagnosticians, TS as a non-destructive, non-invasive, and non-intrusive method useful to analyze spectroscopic data coming from the analysis of samples of human tissues, liquids, etc. and other materials, and of various processes, is of particular importance.

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Message from the Editor-in-Chief

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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