



THz Spectroscopy: Basic Science and Application

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Applied Sciences* on “THz Spectroscopy: Basic Science and Applications” aims at presenting a collection of papers which will show the current status of research referring to quantum phenomena occurring at THz frequencies, THz properties of advanced materials, and performance of THz devices. We encourage authors to submit papers describing results of their studies on various aspects of THz science, ranging from sources and detectors, through THz optical components and plasmonic devices to metamaterials or topological insulators.

We express our hope that this Special Issue will serve as a useful reference both for specialists looking for new ideas and newcomers wishing to find out the beauty of the world observed in the THz light.

Prof. Jerzy Łusakowski

Guest Editor

- THz sources and detectors
- THz spectroscopy
- THz metamaterials
- semiconductor plasma and plasmonic devices
- THz metamaterials
- THz experimental techniques
- narrow-gap semiconductors
- topological insulators





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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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