Special Issue

Terahertz Technology for Environment, Medical Applications, Cultural Heritage and Agri-Food

Message from the Guest Editor

Terahertz (THz) radiation (0.1-10 THz) has garnered enhanced interest from the scientific community as it represents an innovative field in many disciplines, including environmental monitoring, biological and health care applications, diagnostics related to cultural heritage, and agrifood investigations. THz radiation can provide information regarding the roto-vibrational and collective modes of molecules, offering their selective identification. This is crucial in many applications, such as the environmental monitoring of pollutants in the gas phase. Moreover, the ability of THz to penetrate non-polar materials and to be reflected by metals could facilitate the identification of defects, the attainment of stratigraphic information on multilayered objects such as artworks, and the analysis of their structural conditions. This Special Issue aims to disseminate scientific advancements in technology, methodologies and the application of terahertz radiation.

Guest Editor

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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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