

Special Issue

Mid-Infrared and THz Spectroscopy: Innovative Tools and Applications

Message from the Guest Editors

The present Special Issue is dedicated to state-of-the-art laser spectrometers in the mid-IR and THz range, including smart techniques and new theoretical and experimental approaches for gas-phase molecular spectroscopy. Particular interest will be given to innovative tools for spectroscopy in such spectral regions, including but not limited to emerging photonic technologies, novel and improved sources, non-linear crystals, supercontinuum sources, waveguides, resonators, hollow core fibers, novel and improved detectors, high-performance resonant cavities, electro-optic devices, and metamaterials. Finally, a focal point will be the latest advances in mid-IR and THz frequency metrology, by using consolidated or emerging frequency comb synthesizers (i.e., microresonators, quantum cascade lasers, or quadratic combs).

Guest Editors

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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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