



## Mid-Infrared and THz Spectroscopy: Innovative Tools and Applications

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**closed (15 September 2021)**

### 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).





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## Message from the Editor-in-Chief

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