

Special Issue

Atomic Spectroscopy: Theories, Methods and Applications

Message from the Guest Editors

Spectroscopic methods which are currently available are based on diverse measurement techniques, allowing to obtain both qualitative and quantitative information about elemental and molecular composition of samples. The vibrational spectra obtained using IR or Raman spectroscopy allow for collecting information on functional groups characteristic for analyzed compounds; while elemental and isotopic composition might be determined based on evaluation of mass and atomic spectra. New theoretical conceptions, latest technical, and computational approaches accompany our work at every step, making it even more fascinating than before.

In this Special Issue, we invite submissions exploring developments of atomic and molecular spectroscopic methods, analysis and interpretation of spectral data as well as examples of novel applications in bioanalytical, biomedical, environmental, forensic, and atmospheric sciences, as well as conservation science and archaeometry. Contributions stating both research papers and reviews are welcomed.

Guest editors

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2022)



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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.

Editor-in-Chief

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