



Molecular Quantum Dynamics Beyond Bound States

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Message from the Guest Editor

Dear Colleagues,

The photon-in/electron-out processes provide a wealth of information about the electronic structure of the target system, which is encoded in the kinetic energy of the outgoing electron, its angular distribution, spin-polarization, etc. That is why different flavors of steady-state and time-resolved photoemission and Auger spectroscopies enjoy great popularity in studying molecules. This Special Issue will address theoretical methods to describe various aspects of ionization and autoionization spectroscopies from UV/Vis to X-ray domains, the interaction of molecules and atoms with intense laser fields, as well as the electronic and non-adiabatic dynamics following the expulsion of an electron. Articles presenting new methodological developments and applications to molecular spectroscopy and dynamics are welcome.

Dr. Sergey I. Bokarev
Guest Editor





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Message from the Editor-in-Chief

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