

ATTOSECOND MOLECULAR DYNAMICS

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The advent of attosecond pulses has opened new avenues for imaging electronic and nuclear dynamics in molecules, with exciting applications in physics, chemistry and biology. Processes such as ionization, ultrafast charge migration, proton transfer, or isomerization can now be monitored in their natural time scale. Such progress would not have been possible without the help of theoretical modeling. In this talk, the history of this joint venture and its future implications will be discussed.

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