Time-Energy Mapping of Photoelectron Angular Distribution

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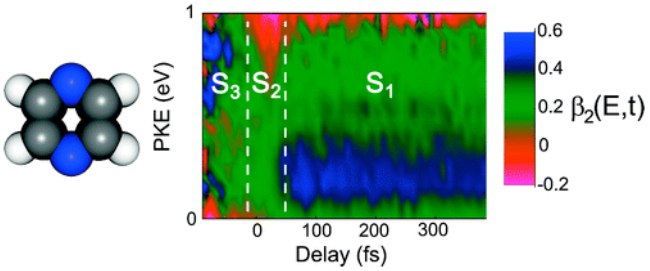
Time-resolved photoelectron imaging allows accurate measurements of photoelectron kinetic energy and angular distributions with light sources such as femtosecond lasers, a VUV free electron laser, and a conventional He(I) light source. In my presentation, I introduce some important technical and scientific advancement we made in the past decade, and I discuss in particular non-adiabatic dynamics of polyatomic molecules studied by time-energy mapping of photoelectron angular distribution with 22 fs time-resolution.



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