

IMAGING ELECTRON ORBITALS BY MULTIPARTICLE COINCIDENCE DETECTION

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Photoabsorption is an exquisite tool to gently break small molecules into several pieces (photoelectrons, Auger electrons, ionic fragments). When the momentum vectors of all of these fragments are measured in coincidence surprising details of the electronic and molecular wavefunction can be seen and their dynamical evolution can be imaged.

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CFEL
SEMINAR ROOMS I-III

