

ATTOSECOND ELECTRON DYNAMICS

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With the recent progress in few-optical-cycle femtosecond and attosecond pulse generation with full electric field control we can measure attosecond electron dynamics. Based on different theoretical approximations we have made significant progress in our understanding of attosecond ionization dynamics from atoms, molecules and surfaces and of attosecond electric-field-driven electron dynamics in condensed matter targets such as diamond and GaAs.

FRIDAY,
19.10.2018

2:00 PM

CFEL
SEMINAR ROOMS I-III

