



08th February 2013 - 14:00
CFEL bldg. 99, seminar rooms I-III

Daniel Neumark

Department of Chemistry, University of California, Berkeley, CA, USA

Femtosecond and attosecond dynamics in atoms, molecules and clusters

The development of laser-based femtosecond and attosecond light sources in the soft x-ray region of the electromagnetic spectrum opens up new frontiers in chemical dynamics, as one can now initiate and probe previously inaccessible processes in atoms, molecules, and clusters. Examples will be presented on femtosecond dynamics in helium nanodroplets and attosecond transient absorption in rare gas atoms.

Host: Daniel Rolles, MP-ASG/DESY