

3rd July 2014 – 10:00 a.m.

CFEL-bldg. 99, seminar room I and II (EG.076/078)

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Femtochemistry - some theoretical studies

In this talk we will discuss the creation, detection, and control of molecular wave packets. The topics covered include: time-dependent molecular orientation, electron dynamics, and "pump-dump" control of chemical reactions.

Finally, we will briefly discuss the application of time-resolved X-ray diffraction to the detection of molecular non-equilibrium structures.

