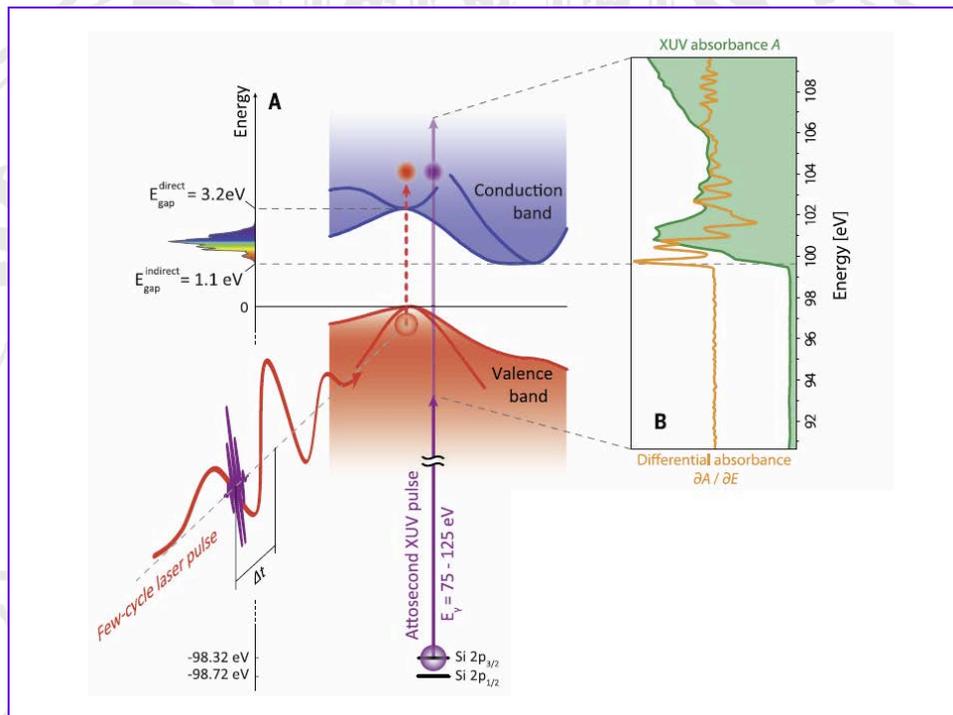


PHYSIKALISCHES KOLLOQUIUM

AM 27. APRIL 2015 UM 17 UHR C.T.

IM GROßEN HÖRSAAL



ULTRAFAST X-RAY SCIENCE IN THE FEMTOSECOND AND ATTOSECOND REGIMES

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Ultrafast x-ray science represents a new frontier in chemical dynamics. Using femtosecond and attosecond pulses in the soft x-ray region of the electromagnetic spectrum, one can now initiate and probe previously inaccessible phenomena in a wide range of systems. Examples to be presented will include femtosecond studies of helium nanodroplets and attosecond studies of atoms, molecules, and solids.