

Einladung
zum Laser- und Quantenoptikseminar

Freitag, 12.07.2019, um 10:00 Uhr

Raum 46-387/388

Prof. Dr. Daniel Strasser

Institute of Chemistry, Hebrew University, Jerusalem, Israel

**Time-resolved Coulomb Explosion Imaging
with Low-field EUV Pulses**

I will describe our recent work on time-resolved single-photon Coulomb Explosion imaging using HHG pulses. By avoiding the strong-fields of intense fs lasers, which are typically used for Coulomb explosion, we can reach remarkable agreement between experiment and non-adiabatic AIMD simulations. Furthermore, we can resolve the conflicting experimental evidence, from strong-field studies, regarding the H_3^+ formation mechanism in ionization of methanol.

Der Gast wird betreut von Prof. Dr. G. Niedner-Schatteburg
GÄSTE SIND HERZLICH WILLKOMMEN!