



Universität Regensburg

FAKULTÄT FÜR PHYSIK

Lehrstuhl für Experimentelle und
Angewandte Physik

Prof. Dr. Rupert Huber

Seminar

Thursday, February 9, 2023, 13:00 h, PHY 5.0.20

Dr. Hannes Böckmann-Clemens

Georg August University & MPI for Multidisciplinary Sciences Göttingen

Observation and Control of Photoinduced Transformations in Molecules and Solids

Light represents the ideal tool to tailor structure and function of nanoscopic systems with ultimate spatial and temporal resolution. In particular, the versatile means of manipulating the interaction between the photoexcitation and a nanosystem offer new opportunities to induce specific transformations of matter. In my talk, I will present examples ranging from plasmon-enhanced photochemistry in single molecules to the phonon mode-selective excitation of structural phase transitions.

Host: Rupert Huber