

WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
MÜNSTER



FACHBEREICH
PHYSIK

› Allgemeines Physikalisches Kolloquium

› Donnerstag, 28.04.2016 um 16 Uhr c.t.

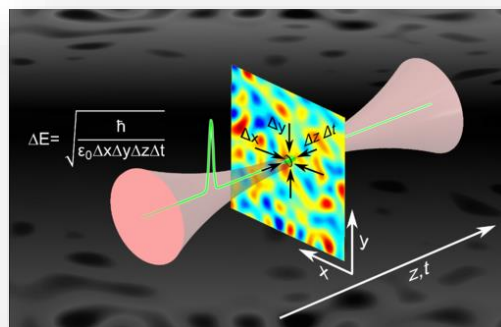
Prof. Dr. Alfred Leitenstorfer

Department of Physics & Center for Applied Photonics
University of Konstanz



Subcycle Quantum Physics

An extreme time-domain approach to condensed-matter physics and quantum optics is presented. First examples are optical phase control of single-electron tunneling in a nanodevice and our quest for the atomic origin of energy bands in solids by subcycle high-field biasing. In direct sampling of electric-field vacuum fluctuations the subcycle approach allows to study virtual excitations without amplifying them to finite energy.



Kolloquiums-Kaffee
ab 16 Uhr vor dem Hörsaal

Wilhelm-Klemm-Straße 10
Institutsgruppe 1 Hörsaal HS 2