



# QUTIF Workshop 2018

## Wednesday 14 February 2018

### Poster session 1: (snacks and refreshments served) - CFEL (blgd. 99) SR 1–3 (17:00 - 19:00)

-Conveners: Manfred Lein; Jochen Küpper

[id] title	presenter	board
[56] Efficient time evolution of thermal ensembles by Hilbert space sampling	HEGER, Marec	
[32] Ultra long-range ab initio calculations	MÜLLER, Tristan	
[50] The bicircular attoclock	EICKE, Nicolas	
[61] Strong-field Ionization of HeH	OPPERMANN, Florian	
[49] Free-Electron Quantum State Reconstruction by SQUIRRELS	PRIEBE, Katharina	
[48] Optimization of field-free alignment of molecules for imaging experiments	KARAMATSKOS, Evangelos	
[46] Spatial separation of chiral molecules with electric fields	YACHMENEV, Andrey	
[47] Noncollinear UV Pulse Generation	REISLÖHNER, Jan	
[44] Attosecond timing with spectral resolution near resonances	HARTH, Anne	
[45] Effects of the Coulomb potential in strong-field holography with photoelectrons	SHVETSOV-SHILOVSKIY, Nikolay	
[42] A non-linear mapping from photo-electron spectra to pulse shape	GIRI, Sajal Kumar	
[43] Strong-field polarization-state control of higher harmonics generated in crystalline solids	KLEMKE, Nicolai	
[40] Single shot velocity map imaging of electrons from dopand-induced helium nanoplasmas in strong near-infrared laser pulses	SCHOMAS, Dominik	
[41] Iterative Time Ordering for Optimal Control of Open Quantum Systems	MARDER, Lutz	
[35] Attosecond streaking with twisted X waves	BÖNING, Birger	
[38] Controlling the directionality of photoemission from M- vs. N-photon ionization with CEP stable polarization-tailored bichromatic fields	KERBSTADT, Stefanie	
[39] Attosecond delays in the photoemission from the layered, centrosymmetric Bi <sub>2</sub> Te <sub>3</sub> and non-centrosymmetric BiTeCl crystals	NEB, Sergej	
[31] Terahertz radiation out of an optical parametric oscillator	DIETRICH, Christian Markus	
[30] The ionization times of harmonic emission from asymmetric molecules	ZHANG, Bing	
[51] Imprints of the molecular electronic structure in the photoelectron spectra of strong-field ionized asymmetric triatomic model molecules	PAUL, Matthias	
[36] Interaction of light carrying orbital angular momentum with matter	WÄTZEL, Jonas	
[53] Strong-field-induced dynamical rotation and ionization of HeH <sup>+</sup>	YUE, Lun	
[52] Subcycle Interference upon Tunnel Ionization by Counterrotating Circularly Polarized Two-Color Laser Fields	ECKART, Sebastian	
[33] Non-adiabatic ponderomotive shift in strong-field photoemission from nanostructures	SCHÖTZ, Johannes	
[55] Charge migration in propiolic acid and its dephasing by the coupling to the nuclear motion	DESPRÉ, Victor	

<b>[37] Field-free Alignment of Asymmetric-Top Molecules</b>	MULLINS, Terry	
<b>[54] Coherent control of photoemission from nanostructures with synthesized two-color fields - an update</b>	PASCHEN, Timo	
<b>[57] Spatiotemporal filament characterization - Towards transient atom dynamics</b>	JUSKO, Christoph	