

1st Research School of the DFG Priority Programme 1840

Quantum Dynamics in Tailored Intense Fields

September 26-29, 2016

Rostock (Germany)

Topics & speakers

Attosecond spectroscopy

Hans-Jakob Wörner (ETH Zürich, Switzerland)

High harmonic generation

Caterina Vozzi (Politecnico di Milano, Italy)

Coherent control & pulse shaping

Matthias Wollenhaupt (University of Oldenburg, Germany)

Quantum trajectories and the Lewenstein model

Misha Ivanov (MBI Berlin, Germany)

Nanoscale strong field physics

Peter Hommelhoff (University of Erlangen, Germany)

Coltrims & velocity map imaging

Matthias Kling (LMU München, Germany)

Optimal control theory

Oliver Kühn (University of Rostock, Germany)

Coherent control with free electron-lasers

Kevin Prince (Elettra Sincrotrone Trieste, Italy)

Nanodroplets

Marcel Mudrich (University of Freiburg, Germany)

Electron dynamics in strong fields

Ulf Saalman (MPIPKS Dresden, Germany)

Multielectron dynamics & numerical methods

Lars B. Madsen (Aarhus University, Denmark)

X-ray strong field physics

Nina Rohringer (CFEL Hamburg, Germany)

Mid-IR physics

Jens Biegert (ICFO, Barcelona, Spain)

Scientific publishing

Thomas Pattard (APS - Phys. Rev. A Editorial Office, USA)

QUTIF

Research School

2016

Venue

Institute of Physics, University of Rostock
Albert-Einstein-Straße 23
18059 Rostock, Germany

Registration

<http://www.qutif.de/rostock16.php>

Organisation

Manfred Lein (QUTIF coordinator)
Thomas Fennel (local coordinator)

Gerhard Paulus, Christiane Koch,
Uwe Morgner, Jan Michael Rost
(QUTIF steering committee)