

Schedule

Tuesday, July 26, 2016

17:00-21:00 REGISTRATION
18:00 BUFFET DINNER/ Informal get-together

Wednesday, July 27, 2016

07:30 BREAKFAST

08:30-08:40 Welcome and Opening

08:40-09:25 Tobias Brixner
Ultrafast Spectroscopy, Microscopy, and Nanoscopy of
Supramolecular Structures

09:25-09:30 DISCUSSION

09:30-10:15 Peter Saalfrank
Excitonic coupling in adsorbates: From quantum chemistry to
quantum dynamics

10:15-10:20 DISCUSSION

10:20-10:50 COFFEE BREAK

10:50-11:35 Roland Mitrić
Light-induced nonadiabatic dynamics

11:35-11:40 DISCUSSION

11:40-12:25 Ulrich Kleinekathöfer
Molecular modeling of dephasing effects in light-harvesting
complexes

12:25-12:30 DISCUSSION

12:30 LUNCH

13:30-14:15 Johannes Neugebauer
First-principles calculations of optical properties of
light-harvesting complexes

14:15-14:20 DISCUSSION

14:20-15:05 Claudia Draxl
Photo-excitation of molecules and their condensed phases
from first principles: Theoretical concepts and challenges

15:05-15:10 DISCUSSION

15:10-15:40 COFFEE BREAK, PREPARATION POSTER FLASH
15:40-16:25 Martin Plenio
Vibronic effects in natural and artificial light-harvesting: Theory
and experiment
16:25-16:30 DISCUSSION
16:30-17:50 POSTER FLASH TALKS
18:00 DINNER
19:00 POSTER SESSION

Thursday, July 28, 2016

07:30 BREAKFAST
08:30-09:15 Gregory Scholes
Coherence in Ultrafast Chemistry
09:15-09:20 DISCUSSION
09:20-10:05 Thomas Renger
Parameterization of exciton hamiltonian and theory of optical
spectra of pigment-protein complexes
10:05-10:10 DISCUSSION
10:10-10:40 COFFEE BREAK
10:40-11:25 Dassia Egorova
Vibronic coupling in ultrafast singlet fission in molecular
crystals:from quantum dynamics to experimental observables
11:25-11:30 DISCUSSION
11:30-12:15 Oliver Kühn
Dynamics and spectroscopy of Frenkel excitons in natural and
artificial light-harvesting
12:15-12:20 DISCUSSION
12:20 LUNCH
13:20-14:05 Susana Huelga
Efficient simulation of open system dynamics
14:05-14:10 DISCUSSION
14:10 SEMINAR PHOTO
14:30 EXCURSION

19:00 HERAEUS DINNER

Freitag, 29. Juli 2016

07:30 BREAKFAST

08:30-09:15 Elizabeth von Hauff
Good vibrations in molecularly doped polymers: combining impedance and Raman spectroscopy to elucidate intermolecular interactions

09:15-09:20 DISCUSSION

09:20-10:05 Reinhard Scholz
Charge transfer states in donor-acceptor blends: The physics behind the open circuit voltage of molecular photovoltaic devices

10:05-10:10 DISCUSSION

10:10-10:40 COFFEE BREAK

10:40-11:25 Oleg Prezhdo
Excited state dynamics at nanoscale interfaces: time-domain ab initio studies

11:25-11:30 DISCUSSION

11:30-12:15 Marcus Elstner
QM/MM simulations of electron/exciton transfer reactions

12:15-12:20 DISCUSSION

12:20 LUNCH

13:20-14:05 Tobias Kramer
Time-scales of exciton transfer and coherences in non-linear spectroscopy

14:05-14:10 DISCUSSION

14:10-14:55 Jörg Megow
Computing dispersive, polarizable and electrostatic excitation energy shifts for supramolecular systems

14:55-15:00 DISCUSSION

15:00-16:00 Tobias Kramer, Jörg Megow
Conclusion with Coffee and Cake