

Annual reports meeting, Monday, 9 December, 2013, 15:00 c.t.

Freie Universität Berlin, Physics Department, Arnimallee 14, 14195 Berlin-Dahlem
Lecture Hall B

Program:

Speaker	Time	PhD Title	Project	1st Supervisor
Constantin Schneider	15:20	Konformationsänderungen und Protonierungsdynamik von Photorezeptoren	A2	Alexiev
Matthias Schönborn	15:40	Time-resolved step-scan FTIR spectroscopy on four semi-stable S-states of Photosystem II of plants and cyanobacteria	A4	Dau
Philipp Simon	16:00	Zeitaufgelöste Experimente zur Untersuchung der Reaktionsdynamiken der photosynthetischen Wasseroxidation - Photothermische Strahlableitung und Infrarot-Absorptionsspektroskopie	A4	Dau
Zhiyong Liang	16:20	Co-solvent and ion effects on the function of photosystem II of plants and cyanobacteria	A4	Dau
Julian Kappler	16:40	Diffusion and viscoelastic phenomena at interfaces	C1	Netz
Coffee break (17:00 – 17:20)				
Emanuele Rossini	17:20	Exploring proton transfer in PSII with quantum chemical and electrostatic energy computation	C2	Knapp
Aref Takiden	17:40	Theoretical studies on the proton transfer process at the active site in phytochromes	C3	Mroginski
Suliman Adam	18:00	Retinal Dynamics, Deprotonation and the Proton Antenna of Channelrhodopsin-2	C4	Bondar
Federico Guerra	18:20	Proton-coupled protein and water dynamics in complex biological systems	C4	Bondar
Christopher Mielack	18:40	Molecular dynamics simulations of complex proton transfer systems	C4	Bondar
Stefan Milenkovic	19:00	Dynamics of SecA molecular transporter	C4	Bondar
Jonas Wietek	19:20	Ion Gating in Channelrhodopsin - Investigation of the Selectivity Mechanism	B2	Hegemann