

Annual reports meeting, Area C, Friday, 21 November 2014, 14:15

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

Chair: Prof. Karsten Heyne

Program:

Speaker	Time	PhD Title	P	1 st Supervisor	2 nd Supervisor
Jovan Dragelj	14:15	Protonation dynamics in cytochrome c oxidase	C2	Ernst-Walter Knapp	Petra Imhof
Emanuele Rossini	14:40	Exploring proton transfer in PSII with quantum chemical and electrostatic energy computation	C2	Ernst-Walter Knapp	Holger Dau
Aref Takiden	15:05	Theoretical studies on the proton transfer process at the active site in phytochromes	C3	Maria-Andrea Mroginjski	Peter Hildebrandt
Suliman Adam	15:30	Retinal Dynamics, Deprotonation and the Proton Antenna of Channelrhodopsin-2	C4	Ana-Nicoleta Bondar	Roland Netz
Coffee break					
Christopher Mielack	16:15	Molecular dynamics simulations of complex proton transfer systems	C4	Ana-Nicoleta Bondar	Roland Netz
Stefan Milenkovic	16:40	Dynamics of SecA molecular transporter	C4	Ana-Nicoleta Bondar	Joachim Heberle
Mahdi Bagherpoor Helabad	17:05	Molecular dynamics simulations of communication in protein	C5	Petra Imhof	Roland Netz
Mohamed Ibrahim	17:30	Time resolved structural and functional investigation of oxygen evolving complex in Photosystem II	A5	Athina Zouni	Holger Dobbek