

Annual reports meeting, Area A, Friday, 28 November 2014, 14:15

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

Chair: Prof. Ulrike Alexiev

Program:

Speaker	Time	PhD Title	P	1st Supervisor	2nd Supervisor
Mario Gerecke	14:15	Time-resolved fluorescence spectroscopy of labels at the cytochrome c oxidase surface	A3	Nikolaus Ernsting	Ulrike Alexiev
Celin Richter	14:40	Fluorescence labels for membrane proteins	A3	Nikolaus Ernsting	Rainer Mahrwald
Fabian Kruse	15:05	Photoinduzierte Reaktionskinetik von Cytochrom c Oxidase	A1	Inez Weidinger	Joachim Heberle
Bernd-Joachim Schultz	15:30	IR spectroscopy with tunable Quantum cascade lasers	A1	Joachim Heberle	Ionela Radu
Hendrik Mohrmann	15:55	Stark-Effekt-IR-Spektroskopie von Proteinen	A1	Joachim Heberle	Ionela Radu
Constantin Schneider	16:20	Konformationsänderungen und Protonierungsdynamik von Photorezeptoren	A2	Ulrike Alexiev	Holger Dau
Coffee break					
Alexander Wolf	17:05	Protein conformational changes and protonation dynamics in CcO	A2	Ulrike Alexiev	Karsten Heyne
Zhiyong Liang	17:30	Co-solvent and ion effects on the function of photosystem II of plants and cyanobacteria	A4	Holger Dau	Ulrike Alexiev
Chiara Pasquini	17:55	Comparison of the role of water molecules and protonation-state changes in water oxidation by biomimetic oxides and Photosystem II	A4	Holger Dau	Peter Hildebrandt
Matthias Schönborn	18:20	Time-resolved step-scan FTIR spectroscopy on four semi-stable S-states of Photosystem II of plants and cyanobacteria	A4	Holger Dau	Joachim Heberle
Philipp Simon	18:45	Zeitaufgelöste Experimente zur Untersuchung der Reaktionsdynamiken der photosynthetischen Wasseroxidation – Photothermische Strahlableitung und Infrarot-Absorptionsspektroskopie	A4	Holger Dau	Karsten Heyne