

SFB
1078



Protonation Dynamics
in Protein Function

Mon, June 8,
2015

10:00 – 16:00

FU Berlin
Fachbereich Physik
E1 (1.1.26)

(Arnimalle 14, 14195 Berlin)

➤ IGK Seminar SS15

Program

10:15 : Lecture by Prof. Holger Dau (A4) about "Basic concepts of biological electron and proton transfer"

11:15 : Coffee break

11:35 : Talk by Philipp Simon and Matthias Schönborn (both A4) about "Infrared spectroscopy to investigate light-driven water oxidation in photosystem II"

12:15 : Lunch break

13:30 : Lab tours by the AG Dau (A4): "IR spectroscopy in the μ s and ms domain after laser-flash excitation", "Time-resolved detection of delayed chlorophyll fluorescence and dioxygen formation" and "Growth (photobioreactor) and genetic modification of cyanobacterial photosystem II"

15:00: Coffee break

15:15 : Lecture hall B. Talk by Ivelina Zaharieva (A4) about "Manganese oxides as catalysts for water oxidation: relation to Photosystem II"

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