

SFB 749-Symposium 25.-27. März 2008

Dienstag, 25.03.2008 Anreise vormittags

12:00 - 13:30 Mittagessen

14:00 - 18:00 Vorträge und Diskussion

14:00-14:40 Matthias Feige/Buchner: Structural characterisation of a folding intermediate

14:40-15:20 Lamb: The pathway of chaperonin assisted protein folding

coffee break 15:20 – 16:00

16:00-16:50 Kiefhaber: Dynamics of conformational transformations in proteins and peptides

16:50-17:20 Sieber: Bacterial Enzyme Activity: Dynamic Regulation and Function

17:20-18:00 Zipse: Thermodynamic Aspects of Radical Stability

ca. 18:30 Abendessen

Mittwoch, 26.03.2008

9:00 - 12:00 Vorträge und Diskussion

9:00- 9:45 Bräuchle: Single Molecule Diffusion in Nanoporous Materials

9:45-10:20 Bein: Impact of functionalization on single-molecule diffusion in mesoporous films

coffee break 10:20-11:00

11:00- 12:00 Mayr und Mitarbeiter: Quantitative polar organic and metallorganic reactivity

12:00 - 13:30 Mittagessen

14:00 - 18:00 Vorträge und Diskussion

14:00-14:40 Frank: First-Principles Simulation of the Dynamics of Photoreactions

14:40-15:10 Riedle: New ultrafast optics for new chances in the analysis of primary chemical processes

coffee break 15:10 – 15:40

15:40-16:20	<u>de Vivie-Riedle and Fingerhut</u> : Structure, dynamics and control of complex chemical systems
16:20-16:50	<u>Zinth and Braun</u> : Fulgide/Fulgimide: Photochemical reactions modified by a pre-pulse
16:50-17:20	<u>Koszinowski</u> : Observation of charged intermediates by electrospray mass spectroscopy
17:20-17:50	<u>Megerle/Riedle</u> : Femtosecond spectroscopy of flavin-amino acid compounds: Understanding and optimizing the electron transport in photolyase enzymes
ca. 18:30	Abendessen
20:00	Mitgliederversammlung

Donnerstag, 27.03.2008

9:00 - 12.00	Vorträge + Diskussion
9:00- 9:40	<u>Max Cryle/Schlichting</u> : Structural characterization of radicalic DNA repair
9:40-10:20	<u>Maul/Glas/Carell</u> : 6-4 Photolyasen
coffee break 10:20-10:40	
10:40- 11:10	<u>Schreier and Zinth</u> : IR-spectroscopy of damage formation of DNA
11:10- 12:00	<u>Domcke</u> : Photophysics of the DNA bases adenine and guanine
12:00 - 13:30	Mittagessen
ab 13:30	Abreise