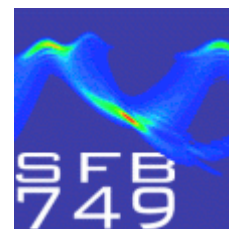


5th SFB 749 workshop in Wildbad Kreuth

11.03.- 13.03.2013



monday, 11.03.2013

- 12:00** **lunch**
- 13:55 welcome
- chair: Thomas Carell*
- 14:00 Dominik Bucher and Bert Pilles (A5): DNA – New Information on Triplet States and Excitation Transfer
- 14:30 Andrea Kneuttinger (A4): Mechanism and Structure of the Spore Photoproduct Lyase
- 15:00 Keyarash Sadeghian (C7): Quantumchemical Studies on the Repair Mechanism of Oxidative DNA-Lesions
- 15:30 – 16:00** **coffee break**
- chair: Stephan Sieber*
- 16:00 Armido Studer: SET-Oxidations and Reductions in Synthesis
- 17:00 Kohei Moriya (B2): Configurational Labile Lithium, Magnesium and Zinc Organometallics: Synthesis and Mechanisms
- 17:30-18:00** **coffee break**
- chair: Hendrik Zipse*
- 18:00 AK Mayr (B1): Quantifying the Nucleophilic Reactivity of Organometallic Reagents
- 18:30 poster short presentation part I (A3, A4, A5, A8, B6)
- 19:00** **dinner**

tuesday, 12.03.2013

chair *Wolfgang Zinth*

9:00 Stephen Bradforth: Small heteroaromatic molecule
photochemistry, connecting ultrafast reaction dynamics in the
gas and liquid phase

10:00 Roland Wilcken (B5): Just arrived and already gone: Tracking the
ultrafast reaction of carbocations with femtosecond spectroscopy

10:30 – 11:00 coffee break

chair *Martin Zacharias*

11:00 Sebastian Thallmair (C2): Molecular features and environment –
cooperative team players during excited state bond cleavage

11:30 poster short presentation part II (B1, B2, B5, B8, C2, C4, C5, C7)

12:00-13:00 meeting of the SFB749 project leaders

13:00-17:00 lunch/free time

chair *Regina de Vivie-Riedle*

17:00 Sebastian Bauer (C4): Hamiltonian molecular dynamics in implicit
solvent

17:30 Thomas Kiefhaber (A8): Local fluctuations in proteins and
peptides measured by triplet-triplet energy transfer

18:00 Dirk Trauner (B8): Complexity From Cascades

18:30 dinner

19:30 – 21:30 poster session

wednesday, 13.03.2013

chair

Eberhard Riedle

9:00 Ingo Fischer: Chemical Dynamics of Reactive Intermediates

10:00 Johannes Broichhagen (B8): Rational Design of a
Photocontrollable Enzyme

10:30 – 11:00 coffee break

chair

Thomas Kiefhaber

11:00 AK Zipse (C6): Hydrogen Transfer in Enzymatic Radical
Reactions.

11:30 Veronika Weiss and Alexandra Schmidt (B6): Targeted Drug
Delivery in Cancer Cells with Red Light Photoactivated
Mesoporous Silica Nanoparticles

12:00 lunch and departure