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