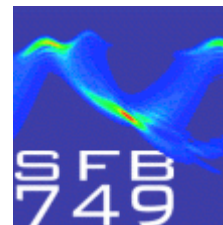


7th SFB 749 workshop at Kloster Irsee, Allgäu
08.03.- 10.03.2016



Tuesday, 08.03.2016



- 10:30 departure of the bus from Großhadern,
Butenandtstraße / Feodor-Lynen-Straße
- 12:00 Lunch**
- 13:55 welcome
Thomas Carell
- 14:00 Martin Zacharias (C5): Global DNA deformation facilitates recognition
and flipping of CPD
- 14:30 Corinna Kufner, Julia Gontcharov und Wolfgang Zinth (A5): Damage
and repair of DNA by long-lived excited states
- 15:00 Ashraf Brik, Technion Israel Institute of Technology, Haifa, Israel:
Chemical approaches to study protein ubiquitination and
deubiquitination
- 15:45 – 16:15 Coffee break**
Regina de Vivie-Riedle
- 16:15 Sidney Becker (A4): A plausible scenario for the prebiotic formation
of purine nucleosides
- 16:45 Hendrik Zipse (C6): Peptide radical stability
- 17:15 Matthias Becker (B2): Selective metallations of aromatics and
heterocycles in flow
- 17:45 Short presentation of posters part I (A3,A4,A10,A11,A12,B1,C5)
- 18:30 guided tour of the monastery (1h)
- 19:30 dinner**

Wednesday, 09.03.2016

Hendrik Zipse

- 9:00 Rasmus Linser, MPI Göttingen - LMU München, Germany:
NMR-spectroscopic methods for site-resolved characterization of
structure and dynamics of membrane proteins and amyloids
- 9:45 Alois Bräuer (A10): Structure of the Dioxygenase AsqJ: Mechanistic
Insights into a One-Pot Multistep Quinolone Antibiotic Biosynthesis
- 10:15 Thomas Magauer (B11): A dynamic platform for the de novo
synthesis of functionalized arenes

10:45 – 11:15 Coffee break

- 11:15 Matthias Roos, Daniel Keefer (C2): Structure, spectroscopy and
control of complex chemical systems
- 11:45 Short presentation of posters part II (B2,B5,B6,B8,B11,C6,C7,C8)

12:15-14:00 Lunch

- 14:00 Mitgliederversammlung
- 15:00-15:30 free time

Dirk Trauner

- 15:30 Oliver Trapp, Universität Heidelberg, Germany: Combination of
catalysis and recognition from the macroscopic to the molecular level

16:15-16:45 coffee break

- 16:45 Anja Hoffmann-Röder (A11): Optopeptides: Synthesis and
applications
- 17:15 Henry Dube (A12): Mechanisms of light induced molecular rotations.
Towards the rational design of photoswitches
- 17:45 Roland Wilcken (B5): Ultrafast dynamics of new photoswitches and
quantum yield determination of photoreactions
- 18:15-18:45 Armin R. Ofial, Guillaume Berionni, Herbert Mayr (B1): Reactivity
parameters as mechanistic tools and guides for synthesis planning

19:00-20:00 dinner

- 20:00-21:30 Poster Session

Thursday, 10.03.2016

Knochel

- 9:00 Ivan Huc, Bordeaux University, France: Designing foldamers with predictable structures and dynamics
- 9:45 Dirk Trauner (B8): Biomimetic synthesis of complex natural products
- 10:15 Stephan Sieber (A3): Natural products and their reactivity towards enzyme active sites

10:45 – 11:15 coffee break

Mayr

- 11:15 Iris Antes (C8): QM/MM based calculations of protein-ligand binding
- 11:45 Thomas Bein (B6): Interactions of multifunctional mesoporous silica nanoparticles with cells

12:15-14:00 Lunch

14:30 departure

- the bus leaves at 14:30 from Kloster Irsee -