

## CCROS Program for June 21/22, 2012

### Thursday, June 21<sup>st</sup>

14:00-14:10 Welcome and opening remarks

#### 14:10-15:30 Session A

14:10-14:30 **Larissa Pauli**, AK Prof. Pfaltz, Universität Basel  
*Iridium-Catalyzed Hydrogenation of Substituted Furans and Benzofurans*

14:30-14:50 **Markus Reichle**, AK Prof. Breit, Universität Freiburg  
*Preparation of Alkylmagnesium Reagents through Boron-Magnesium Exchange*

14:50-15:10 **Franziska Hofmann**, AK Prof. Meuwly, Universität Basel  
*Force Fields for Energetics and Dynamics of Organometallic Complexes and Applications*

15:10-15:30 **Thomas Hampel**, AK Prof. Brückner, Universität Freiburg  
*Desymmetrization of Prochiral Diaryl Sulfoxides by an Asymmetric Sulfoxide-Magnesium Exchange*

15:30-16:15 Coffee break

#### 16:15-17:15 Session B

16:15-16:45 **Dmitry Katayev**, AK Prof. Kündig, Universität Genf  
*Chiral N-Heterocyclic Carbene (NHC) Ligands in Pd-Catalyzed Cross-Coupling Reactions*

16:15-17:15 **Alastair Lennox**, AK Prof. Lloyd-Jones, University of Bristol  
*Organotrifluoroborate Hydrolysis and Cross-Coupling*

17:15-17:30 Short break

#### 17:30-18:30 Plenary lecture

17:30-18:30 **Prof. Dr. Mathias Beller**, Universität Rostock, Leibniz Institut für Katalyse (LIKAT)  
*Title TBD*

19:00 Dinner at Bildungszentrum 21 Hotel

## Friday, June 22<sup>nd</sup>

8:45-9:00 Arrival

### 9:00-10:20 Session C

9:00-9:20 **Marc Dürrenberger**, AK Prof. Ward, Universität Basel  
*New Synthetic Cascades by Combining Biocatalysts with Artificial Metalloenzymes*

9:20-9:40 **Matthias Häckh**, AK Prof. Müller, Universität Freiburg  
*Stereoselectivity of the Ketoreductase Tyl-KR1 from Streptomyces fradiae - A VCD-Spectroscopy-based Analysis*

9:40-10:00 **Markus Sterk**, AK Prof. Bannwarth, Universität Freiburg  
*Modulation of Reactivities of Diels-Alder-Reactions by Metal-Ion-Complexation of Tri- and Tetradentate-Ligand-Systems*

10:00-10:20 **Jörg Duschmalé**, AK Prof. Wennemers, ETH Zürich  
*Peptide Catalyzed 1,4-Addition Reactions of Aldehydes to Nitroolefins*

10:20-10:50 Coffee break

### 10:50-11:50 Session D

10:50-11:20 **Carina Koch**, AK Prof. Gschwind, Universität Regensburg  
*On the Way to Mechanistic Elucidation of the Enantioselective Copper-Catalyzed 1,4-Addition Reaction by NMR Spectroscopic Investigations*

11:20-11:50 **Abraham L. Moure**, AK Prof. Carretero, Universidad Autónoma de Madrid  
*Regiocontrolled Cu<sup>I</sup>-Catalyzed Borylation of Alkynes*

11:50-12:00 Photo

12:00-13:30 Lunch at the Mensa

13:30-13:40 Hand out feedback sheets

### 13:40-14:40 Session E

13:40-14:10 **Youqian Deng**, AK Prof. Bäckvall, Stockholm University  
*Palladium-Catalyzed Oxidative Arylating Carbocyclization of Allenynes*

14:10-14:40 **Łukasz Albrecht**, AK Prof. Jørgensen, Aarhus University  
*Novel Control of Remote Stereocenters via Enantioselective H-Bond Directed Dienamine- and Trienamine-Mediated Reactions*

14:40-15:00 Collect feedback sheets and closing remarks