

Catalysts and Catalytic Reactions for Organic Synthesis

*5th Annual Workshop of
the International
Research Training Group
CCROS*

Programm Program

CCROS-Workshop

07. & 08. April 2011

Uni Freiburg

Großer Hörsaal Chemie

www.ccros.uni-freiburg.de

07 April 2011 – Donnerstag / Thursday

- 12:30 – 13:00 Anmeldung / *Registration*
13:00 – 13:10 Begrüßung / *Welcome and Opening Remarks*
- 13:10 – 14:40 Session A**
- 13:10 – 13:40 Sonja Diezel
AK Breit, Univ. Freiburg/D
Domino Hydroformylation/Organocatalytic Mannich Reaction
- 13:40 – 14:10 Duc N. Tran
AK Cramer, Univ. Lausanne/CH
Rhodium catalyzed C-H activation/allylation of imines
- 14:10 – 14:40 Johannes Heppekausen
AK Fürstner, MPI Mülheim/D
Development of New User-Friendly Catalysts for Alkyne Metathesis
- 14:40 – 15:15 Kaffeepause / *Coffee Break*
- 15:15 – 16:15 Session B**
- 15:15 – 15:45 Eva Hensle
AK Bannwarth, Univ. Freiburg/D
Fluorous Reversed Phase Silica Gel (FRPSG)-Supported Catalysis employing Bisoxazoline Catalysts
- 15:45 – 16:15 Quirin Kainz
AK Reiser, Univ. Regensburg/D
Covalent and non-covalent Immobilization of Catalysts on Nanomagnets
- 16:15 – 16:30 Kurze Pause (ohne Kaffee)
Short Break (without coffee)
- 16:30 – 18:00 Evening Lecture**
- 16:30 – 18:00 Prof. Karl Anker Jørgensen
Univ. Aarhus/DK
New activation modes and directions in organocatalysis
- 18:00 Restaurant „Holla die Waldfee“

08 April 2011 – Freitag / Friday

09:00 – 09:15 Get Together

09:15 – 10:45 Session C

09:15 – 09:45 Christian Ebner
AK Pfaltz, Univ. Basel/CH
Determining the Enantioselectivity of Chiral Catalysts by Mass Spectrometric Screening of Their Racemic Forms

09:45 – 10:15 Steffen Fleischer
AK Beller, Leibniz Inst. f. Katalyse, Rostock/D
The Iron Age: Enantioselective Reductions of Imines

10:15 – 10:45 Simon Kessler
AK Wegner, Univ. Basel/CH,
Bidentate Lewis acids as efficient Catalysts for the Inverse Electron demanding Diels-Alder reaction

10:45 – 11:15 Kaffeepause / Coffee Break

11:15 – 12:15 Session D

11:15 – 11:45 Heiko Dücker
AK Waldmann, MPI Dortmund/D
Facile synthesis of natural product inspired indoloquinolizines by domino reactions

11:45 – 12:15 Eric Strittmatter
AK Plattner, Univ. Freiburg/D
Looting tree corpses – catalytic potential of ligninolytic enzymes

12:15 – 12:20 Gruppenfoto / Group Photo

12:30 – 13:30 Mittagessen / Lunch (Mensa)

Fortsetzung auf der Rückseite / Continued on next page

HINWEIS: Der angekündigte interaktive Programmteil muss aus logistischen Gründen entfallen. Wir bitten um Entschuldigung.

NOTE: The previously announced interactive part of this year's workshop had to be canceled due to logistic issues. We apologize for the inconvenience.

13:30 – 14:00

Session E

13:30 – 14:00

Dr. Alexandre Drouin,
AK Markó, Univ. Louvain/B
*Development of catalysed reaction for the
synthesis of heterocycles*

14:00 – 14:05

Verteilung Feedback-Bögen
Distribution of feedback forms

14:05 – 14:15

Kurze Pause (ohne Kaffee)
Short Break (without coffee)

14:15 – 15:15

Session F

14:15 – 14:45

Paolo Clerici
AK Wennemers, Univ. Basel/CH
*Organocatalytic Asymmetric Addition Reactions
of Mono Thiomalonates to Nitroolefins*

14:45 – 15:15

Dr. Kye Masters
AK Bräse, Univ. Karlsruhe/D
*ortho-Bromo-(propa-1,2-dien-1-yl)arenes:
A Versatile New Class of Substrates for Pd-
Catalysed Domino Reactions*

15:15 – 15:20

Einsammeln der Feedback-Bögen
Collection of feedback forms

15:20 – 15:30

Schlussbemerkungen / *Closing Remarks*

Wir danken der BASF SE für die Bereitstellung von Blöcken,
Stiften und Namensschildern.

*We would like to thank BASF SE for the kind supply of pens,
notepads and name tags.*