

PROGRAMME of the 2003 Asian-German Symposium

New Directions in Synthetic-Organic Chemistry

Technical University Munich Theresienstrasse, D-80333 Munich

Wednesday, 08.10.2003 Room North Building Hörsaal 1189

**Opening conference in association with the Woehler-Association
Symposium of the Woehler-Association for Inorganic Chemistry**

New Approaches to Combinatorial Asymmetric Transition Metal Catalysis 09:00-10:00
Reetz, M. T., Muelheim on the Ruhr, Germany

Break 10:00-10:50

Wednesday, 08.10.2003 Room North Building Hörsaal 1190

Welcome by Prof. Armin de Meijere, Goettingen, Germany 10:50-11:00

First session Chairman: Prof. Paul Knochel, Munich, Germany

Geminal Dimetalation Strategy for Organic Synthesis 11:00-11:25
Hiyama, T., Kyoto, Japan

**Catalytic Asymmetric C-C Bond Forming Reactions: New Strategies,
Catalysts and Substrates 11:25-11:50**
Bräse, S., Karlsruhe, Germany

Propargylic Dithioacetal as Allene 1,3-Zwitterion Synthons 11:50-12:15
Luh, T.-Y., Taipei, Taiwan

Second session Chairman: Prof. Ulrich Koert, Marburg, Germany

**Asymmetric Cyclopropanation of Furans as Key Step in the Synthesis
of Butyrolactone Natural Products 14:00-14:25**
Reiser, O., Regensburg, Germany

Chemistry of Tetraphenylenols and Pentacenes 14:25-14:50
Wong, H.N.C., Hong Kong, China

Group-IV Metal Complexes as Hydroamination Catalysts 14:50-15:15
Doye, S., Hannover, Germany

Bis(iodozincio)methane as a Synthetic Tool 15:15-15:40
Matsubara, K., Kyoto, Japan

Pauson-Khand type reaction mediated by Rh(I)catalysts 16:00-16:25
Jeong, N. Seoul, Korea

Organic Synthesis – A Gateway to Nanoscience - 16:25-16:50
Nakamura, E., Tokyo, Japan

The C-H and C-C Bond Activation in Organic Synthesis 16:50-17:15
Jun, C., Seoul, Korea

**Design of New C₂-Symmetric Chiral Phase-Transfer Catalysts
for Practical Asymmetric Synthesis 17:15-17:40**
Maruoka, K., Kyoto, Japan

Thursday, 09.10.2003 Room North Building Hörsaal 1190

Third session: Chairman: Prof. Norbert Krause, Dortmund, Germany

- Toward truly efficient and powerful organic synthesis** 11:00-11:25
Kobayashi, S., Tokyo, Japan
- Domino Metathesis – a Versatile Concept in Synthesis** 11:25-11:50
Blechert, S., Berlin, Germany
- Highly Regio- and Stereoselective Addition Reaction of 1-S-
or Se-Substituted 1,2-Allen** 11:50-12:15
Ma, S., Shanghai, China

Friday, 10.10.2003 Room North Building Hörsaal 1190

Fourth session: Chairman: Professor Oliver Reiser, Regensburg, Germany

- Synthesis of bioactive natural products and ion channels** 14:00-14:25
Koert, U., Marburg, Germany
- Miracle Roles of Organozincs and –boranes on the Nickel
and Palladium-Catalyzed Reactions** 14:25-14:50
Tamaru, Y., Nagasaki, Japan
- Chemistry in flow : Polymer-assisted synthesis in
flowthrough reactors** 14:50-15:10
Kirschning, A., Hannover, Germany
- Functionalized Allenes in Organic Chemistry:
Stereoselective Syntheses with Copper, Silver and Gold** 15:15-15:40
Krause, N., Dortmund, Germany
- In Search of New Methodologies and concepts for the
total synthesis of natural products** 16:00-16:25
Peng, L. T., Singapore, Singapore
- Application of Asymmetric Catalysis to Synthesis of Biologically Active
Cyclopentanoids** 16:25-16:50
Helmchen, G. Heidelberg, Germany
- Rhodium-Catalyzed Asymmetric Carbon-Carbon Bond Forming
Reactions** 16:50-17:15
Hayashi, T., Kyoto, Japan