

N,O-HETEROCYCLES AND MORE

3. BBS SYMPOSIUM ON ORGANIC CHEMISTRY

April 3-4, 2009

Berlin, Germany

Guest of Honour

Prof. Dr. Helmut Vorbrüggen

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The N,O-Heterocycles and More, 3. BBS Symposium on Organic Chemistry, which will be held in Berlin April 3–4, 2009, is initiated by the Division of Organic Chemistry of the Freie Universität Berlin, the Slovak University of Technology of Bratislava, and the Institut für Organische Chemie of the Universität Stuttgart.

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Scope

The Symposium will consist of oral presentation and discussion sections.

Book of Abstract

A book containing abstracts of all lectures will be distributed free of charge to all participants upon registration.

Projection Equipment

PowerPoint presentation is required. For any other services please contact the Organizing Committee.

Language

The working language of the conference will be English.

Web Site

Information on the Symposium will be shown at <http://www.bcp.fu-berlin.de/chemie/oc/reissig/>

PROGRAMME

Friday, 03.04.2009

09:00 **Opening: Prof. H.-U. Reissig**

Chairman: Prof. L. Fišera

09:05 L-1 **Gabriel Podolan, Lubor Fišera, Nada Prónayová**
1,3-DIPOLAR CYCLOADDITION OF D-XYLOSE DERIVED
NITRONE WITH METHYL ACRYLATE AND ITS UTILIZATION IN
SYNTHESIS OF CHIRAL POLYHYDROXYLATED NATURAL
PRODUCTS

09:35 L-2 **Juraj Reháč, Lubor Fišera, Jozef Kožíšek, Nada
Prónayová**
SAMARIUM DIIODIDE INDUCED COUPLING OF SUGAR DERIVED
NITRONES IN THE SYNTHESIS

10:05 L-3 **Hua Yang, Andreas M. Palmer, Volker Jäger**
ADDITION OF C-NUCLEOPHILES TO γ,δ -UNSATURATED
NITRONES — A NEW APPROACH TO THE SYNTHESIS OF
TETRAHYDRO-1,2-OXAZINES

10:35 – 11:00 COFFEE BREAK

Chairman: Prof. V. Jäger

11:00 L-4 **Mohammad Ibrahim, Volker Jäger**
SYNTHESIS OF UNSYMMETRICAL 1,2-DIAMINES AND
EXPLORATION OF THEIR POTENTIAL FOR PREPARATION OF
PLATINUM COMPLEXES

11:30 L-5 **Amélie Castiglia, J. Heller, V. Jäger**
GRIGNARD ADDITION TO CYCLIC NITRONES: KEY STEP FOR
THE SYNTHESIS OF L-*FUCO* AND D-*MANNO*- GLYCOSIDASE
INHIBITORS

- 12:00 L-6 **Peter Kooš, Hans-Ulrich Reissig**
SYNTHESIS OF NEW SELECTIN BINDING INHIBITORS
- 12:30 L-7 **Fabian Pfrenge, Hans-Ulrich Reissig**
BRANCHED AMINO SUGARS VIA LEWIS-ACID PROMOTED
REARRANGEMENT OF 1,2-OXAZINES

13:00 – 14:00 LUNCH

Chairman: Prof. T. Gracza

- 14:00 L-8 **Ol'ga Karlubíková, Tibor Gracza**
PALLADIUM(II)-CATALYSED OXYCARBONYLATION OF
ALKENE- β,δ -DIOLS
- 14:30 L-9 **Miroslav Palík, Ol'ga Karlubíková, Angelika Lásiková,**
Tibor Gracza
TOTAL SYNTHESIS OF (+)-VARITRIOL
- 15:00 L-10 **Kristina Wilckens, Constantin Czekelius**
SYNTHESIS AND APPLICATION OF CHIRAL GOLD(I)-CATALYSTS
FOR THE DESYMMETRIZATION OF 1,4-DIYNES
- 15:30 L-11 **Christine Beemelmans, Hans-Ulrich Reissig**
SAMARIUM DIIODIDE MEDIATED CYCLIZATION—APPROACHES
TOWARDS HIGHLY FUNCTIONALIZED INDOLE DERIVATIVES
- 16:00 – 16:30 COFFEE BREAK

Chairman: Prof. D. Spitzner

- 16:30 L-12 **Hülya Özbek, Hans-Ulrich Reissig**
SYNTHESIS OF PEPTIDOMIMETICS FROM AMINOTHIOPHENE
CARBOXYLIC ACID BUILDING BLOCKS
- 17:00 L-13 **Maurice Taszarek, Hans-Ulrich Reissig**
SYNTHESIS OF MULTIVALENT PYRIDINE DERIVATIVES WITH
DIFFERENT SPACER MOLECULES
- 17:30 L-14 **Peter Kubizna, Peter Szolcsányi, Jozef Kožíšek**
SHORT TOTAL SYNTHESIS OF PIPERIDINE ALKALOIDS OF
CALVIA GENUS

- 19:00 BOAT TRIP ON THE SPREE
- 20:30 NIBBLES, LOCATION: PARISER PLATZ (SALON)

Saturday, 04.04.2009

Chairman: Dr. C. Czekelius

- 09:00 L-15 **Alevtina Baskakova, Volker Jäger**
SYNTHESIS OF BRANCHED α - AND β -AMINO ACIDS USING
C-NUCLEOPHILE ADDITION TO IMINES AND NITRONES
- 09:30 L-16 **Christof Schöberl, Volker Jäger**
ASYMMETRIC ORGANOCATALYTIC EPOXIDATION OF ALKENES:
NEW RESULTS
- 10:00 L-17 **Sony Amrendra, Volker Jäger**
SEARCH FOR NEW CATALYSTS DERIVED FROM D-GLUCOSE
AND D-XYLOSE FOR ASYMMETRIC EPOXIDATION OF OLEFINS
- 10:30 – 11:00 COFFEE BREAK

Chairman: Prof. H.-U. Reissig

- 11:00 L-18 **Jana Doháňošová, Angelika Lásiková, Tibor Gracza, Martial Toffano, Giang Vo-Thanh**
DOMINO REACTION: Pd(II)-CATALYSED CYCLISATION OF
UNSATURATED POLYOLS AND CROSS-COUPLING
- 11:30 L-19 **Christian Eidamshaus, Hans-Ulrich Reissig**
HIGHLY FUNCTIONALISED ENANTIOPURE 4-HYDROXY-
PYRIDINE DERIVATIVES BY A VERSATILE THREE-COMPONENT
SYNTHESIS
- 12:00 L-20 **Jeanne Heller, Amélie Castiglia, Thomas Orbegozo, Hend Mohamed El Sehrawi, Dietrich Spitzner, Volker Jäger**
SYNTHESIS OF CHIRAL GUANIDINIUM SALTS AS POTENTIAL
IONIC LIQUIDS

CLOSING REMARKS PROF. H.-U. REISSIG