

13th Belgian Organic Synthesis Symposium

Confirmed Speakers

Tetrahedron Chair

Tetrahedron Chair: Exploring Chiral Space in Asymmetric Catalysis



Prof. Ben FERINGA
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

Janssen Pharmaceutica Prize for Creativity in Organic Synthesis

A Different View of Challenging Synthetic Problems



Prof. Dr Ilan MAREK
(TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY, Haifa, Israel)

Plenary Lectures

From Basic Research to the Development of "Real" Catalysts for Organic Synthesis



Prof. Matthias BELLER
(UNIVERSITY OF ROSTOCK, Rostock, Germany)

Redesign of Vancomycin for Resistant Organisms



Prof. Dale L. BOGER
(THE SCRIPPS RESEARCH INSTITUTE, La Jolla, United States)

Candida Antarctica Lipases A and B in Dynamic Kinetic Resolution. Model Studies and Directed Evolution



Prof. Jan-Erling BÄCKVALL
(STOCKHOLM UNIVERSITY, Stockholm, Sweden)

Inducing Nerve Regeneration by Natural Product Surfaces



Prof. Karl GADEMANN
(UNIVERSITY OF BASEL, Zürich, Switzerland)

Stories on Design & Surprise: C-H Activation, Asymmetric Arene Hydrogenation and NHC Organocatalysis



Prof. Frank GLORIUS
(UNIVERSITY OF MÜNSTER, Münster, Germany)

Molecular Editing with Fluorine

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Prof. Véronique GOUVERNEUR
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

Novel Immobilized Catalysts for Environmentally Benign Organic Synthesis



Prof. Shu KOBAYASHI
(UNIVERSITY OF TOKYO, Tokyo, Japan)

Hydrogenation for C-C Bond Formation



Prof. Michael J. KRISCHE
(UNIVERSITY OF TEXAS, Austin, TX, United States)

The Chemistry of NHC-Boranes



Dr. Emmanuel LACÔTE
(ICSN-CNRS, Gif-Sur-Yvette, France)

Total Synthesis of Complex Natural Products: an Exercise in Serendipity



Prof. István MARKÓ
(UCL, Louvain-la-Neuve, Belgium)

Novel Boron Reagents and Reactivities



Prof. Gary A. MOLANDER
(UNIVERSITY OF PENNSYLVANIA, Philadelphia, United States)

New Polar Groups in Medicinal Chemistry



Prof. Klaus MÜLLER
(F. HOFFMANN-LA ROCHE, Switzerland)

Late-Stage Fluorination for PET Imaging



Prof. Tobias RITTER
(HARVARD UNIVERSITY, Mulheim, Germany)

Exploring Chemoselectivity through Natural Product Total Synthesis



Prof. Scott SNYDER
(COLUMBIA UNIVERSITY, New York, United States)

Toward Transformative Therapies and the Ideal Synthesis: Approaches to HIV/AIDS Eradication, Alzheimer's Disease and Cancer

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Prof. Paul A. WENDER
(STANFORD UNIVERSITY, Stanford, United States)

Exploring New Strategies in Asymmetric Synthesis --- From Chiral Sulfur and Olefin Chemistry to Chiral Sulfur-Olefin Chemistry



Prof. Ming Hua XU
(SHANGHAI INSTITUTE OF MATERIA MEDICA, Pudong, Shanghai, China)