

# Modern Synthetic Methods and Chiral Europe

New Science and Applications

PLUS SPECIAL

Flow Chemistry Session

14 - 16 May 2012

Mövenpick Hotel, Prague, Czech Republic



“Excellent speakers,  
hospitality and atmosphere -  
well recommended.”

University of Bristol, UK

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register before  
31 March 2012.

## CONFERENCE & EXHIBITION

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# Modern Synthetic Methods & Chiral Europe

New Science and Applications

14 – 16 May 2012 • Mövenpick Hotel, Prague, Czech Republic

This conference has been designed to fill a gap in the conference field – providing a forum where industry and academia can meet to discuss new synthetic methodology and chiral chemistry, and how practical this methodology is from an industrial viewpoint.

Industry rarely devises new synthetic methods to perform each step in the synthetic route but relies on using and modifying methods which have been discovered within academia. It is therefore essential that the industrial chemist, whether in early research and discovery or process chemistry, is aware of the latest developments in synthetic organic chemistry, so that efficient and practical methods for synthesising new molecules are devised.

Emphasis will be on the state of the art and will provide directions for future work. Industrial chemical case studies where key reactions have been used, either in discovery or in development, will be provided.

The conference proceedings for the event will contain all the lecture presentations with key references to the current literature and will provide a valuable source of data for the future.

## Key Topics

Top academic & industrial speakers will provide details of the latest developments in a wide range of topics, including:

- **Asymmetric Hydrogenation and Epoxidation**
- **Challenges in Total Synthesis**
- **C–C and C–N Bond Forming Reactions**
- **Stereoselective Synthesis**
- **Catalysis**
- **Chiral Separations**
- **Synthesis of Carbocycles and Heterocycles**

## Plus a Special Flow Chemistry Session with Panel Discussion

Taking place in the afternoon of Conference Day Two

Register for this conference by using the form overleaf.

“The selection of topics of the conference along with the mix of industrial & academic speakers is great! Worth attending the conference.”

Watson Pharma Pvt Ltd

## Hear from an international panel of speakers:

Dr Renaud Beauguenies, Syngenta Crop Protection, Switzerland

**New Solutions to Synthetic Challenges in HPPD Inhibitor Chemistry**

Professor Matthias Beller, Universität Rostock eV, Germany

**New Catalytic Reductions of Esters and Amides with Unprecedented Chemoselectivity**

Professor Erick Carreira, ETH Zurich, Switzerland

**Title to be confirmed**

Dr Elena Fernandez, University Rovira I Virgili, Spain

**Trivalent Boron Nucleophile as a New Tool in Organic Synthesis:**

**Reactivity and Asymmetric Induction**

Dr Martin Fox, Dr Reddy's Laboratories, UK

**Synthesis of Unnatural Alpha-Amino Acids Using Asymmetric Catalysis**

Professor Karol Grela, Polish Academy of Sciences, Poland

**Catalysts for New tasks: Preparation and Applications of New Catalysts for Olefin**

**Metathesis**

Dr Steve Han, Boehringer-Ingelheim, USA

**Development of Efficient Process for the Synthesis of Chiral Sulfinyl Agents and their**

**Applications in the Synthesis of Pharmaceuticals**

Professor Tomas Hudlicky, Brock University, Canada

**Constraints in Total Synthesis: How to Combine the Best of Academic**

**and Industrial Principles to Achieve Efficiency**

Dr Joachim Krueger, Bayer AG, Germany

**Towards a Scaleable Synthesis of the Biphenomycin Core**

Professor Bruce Lipschutz, University of California, USA

**Title to be confirmed**

Dr Jonathan Moseley, CatSci Ltd, UK

**A Mild Robust Generic Protocol for the Suzuki Reaction using an Air Stable Catalyst**

Professor Phil Page, University of East Anglia, UK

**New Systems for Organocatalytic Asymmetric Epoxidation**

Dr Daniel Pippel, Johnson & Johnson, USA

**Scaleable Synthesis of Potent H<sub>3</sub> Antagonists**

Dr Juan Antonio Rincón, Eli Lilly & Co., Spain

**Flow Chemistry: A Powerful Tool for Enabling Chemistry at Research and Process Scale**

Dr Boelo Schuur, University of Twente, The Netherlands

**Chiral Separation Methods Based on Liquid-Liquid Contacting**

Professor Peter Seeberger, Max Planck Institute of Colloids and Interfaces, Germany

**Continuous Flow Chemistry to Prepare Drug Substances and Materials**

Professor Richard Taylor, University of York, UK

**New Approaches to Heterocyclic Diversity**

Dr Antonio Zanotti-Gerosa, Johnson Matthey Catalysis & Chiral Technologies, UK

**On the Current and Future Scope of Homogeneous Asymmetric Hydrogenation**

tel +44 (0)1435 873062

## Monday 14 May

8.55 - 17.45 Conference in session  
17.45 - 19.30 Networking Reception

## Tuesday 15 May

8.55 - 17.00 Conference in session

## Wednesday 16 May

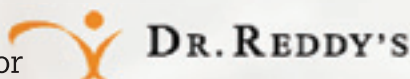
8.55 - 12.45 Conference in session



## Registration includes:

- Attendance at all the sessions
- Set of colour conference proceedings plus CD
- Lunch & refreshments daily
- Access to the exhibition
- FREE Poster Board
- Place at the Networking Reception

Networking Reception Sponsor



## How will you benefit from attending?

**Invest in yourself:** keeping up to date on current developments and future trends could mean greater job security.

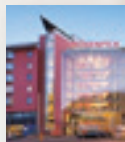
**Learn** from a wide range of academic and industrial case studies given by hand-picked international speakers.

**Take home** relevant ideas and information that are directly applicable to your own work with the full proceedings in colour and a CD of the talks.

**Save time.** Our intensive, commercial-free programme means less time away from work.

**Meet and network** with the key people in the industry in a relaxed and informal atmosphere.

## Venue



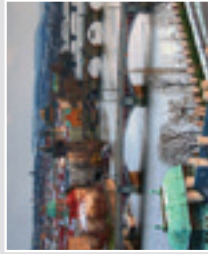
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Mozartova 261/1, 150 00 Prague, Czech Republic  
Tel: +420 257 153 107 Fax: +420 257 153 113  
Email: [hotel.prague@moevenpick.com](mailto:hotel.prague@moevenpick.com)

A limited number of rooms have been reserved at this hotel at various rates according to facilities available. All rates include breakfast, city taxes and VAT. Full details, including prices, will be sent when you register.

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# Modern Synthetic Methods and Chiral Europe



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# Conference Registration

## Modern Synthetic Methods & Chiral Europe

14 - 16 May 2012 | The Mövenpick Hotel, Prague, The Czech Republic

- £1395.00 Conference Fee       £1195.00 Early Bird Delegate Fee\*  
 £450.00 Academic Fee       £2000.00 Exhibitor Fee\*\*

Please photocopy this form for additional delegates.

\* Includes one attendee: additional attendees £500.00 each

Early Bird  
Save  
**£200**  
register before  
31 March 2012.

### First Attendee Name

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Country	
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Fax	Mobile
Email	
Special Diet	

### Second Attendee Name

Title (Dr/Prof/Mr/Mrs/Ms)	
Job Title	
Name	
Surname	
Address	
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Telephone	
Mobile	
Email	
Special Diet	

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