

Catalysis in the Fine Chemicals Industry



A 2-day Conference and Exhibition
Radisson Blu | Lucerne, Switzerland
PROGRAMME

Tuesday 14th May

From 8.15 **Registration**

Morning Session Chairman: Dr John Studley, Scientific Update Ltd, UK

8.55 **Opening Remarks**

9.00 **Dr Krzysztof Skowerski**, Apeiron Synthesis, Poland
The Influence of Carbene Ligand on Efficiency and Selectivity of Ruthenium Based Catalysts for Olefin Metathesis

9.45 **Dr Sebastien Caille**, Amgen Inc, USA
Development of a Commercial Process to Prepare AMG 232 Using A Green Ozonolysis-Pinnick Tandem Transformation

10.30 **Coffee and Exhibition**

11.15 **Dr Samantha Staniland**, Johnson Matthey, UK
Homogeneous Hydrogenation & Biocatalysis; Chiral Applications and Beyond – from Hit to Process

12.00 **Dr Peter Witte**, BASF, The Netherlands
Highly Efficient Precious Metal Catalysts for Selective Hydrogenations

12.45pm **Lunch and Exhibition**

Afternoon Session Chairman: Dr Ian Davies, Princeton University, USA

14.00 **Dr Zara Seibel**, Codexis, USA
Enzyme Evolution for Improved Synthesis of Pharmaceuticals

14.45 **Dr David Leahy**, Takeda, USA
A Pharmaceutical Industry Perspective on Sustainable Metal Catalysis

15.30 **Coffee and Exhibition**

16.15 **Dr Aaron Whittaker**, MSD, USA
Catalysis Enabled Routes Towards MK-8591

17.00 **Professor Tim Donohoe**, University of Oxford, UK
New Catalytic Reactions Designed for the Efficient Synthesis of Natural Products

17.45 **End of Day 1**

17.45 **Welcome Reception**

Catalysis in the Fine Chemicals Industry

Wednesday 15th May

Morning Session Chairman: Dr Paul Murray, PhosphonicS Ltd, UK

8.25 **Opening remarks**

8.30 **Ms Loretta Wong**, Johnson Matthey, UK
Sustainability Through Homogeneous Catalysis

9.15 **Dr Janelle Steves**, GlaxoSmithKline, USA
A Mechanism Driven, High-Throughput Chemistry Approach to Development of a Diastereoselective [2+2+2] Cycloaddition

10.00 Coffee and Exhibition

10.30 **Keynote Speaker**

Professor Ben List, Max Planck Institute for Coal Research, Germany
A Truly Powerful, Scalable and General Approach to Asymmetric Lewis Acid Catalysis



11.30 **Dr Danielle Schultz**, MSD, USA

Recent Advances in the Remote Functionalization of Aliphatic C-H Bonds via Decatungstate Photocatalysis

12.15 **Lunch and Exhibition**

Afternoon Session Chairman: Dr Will Watson, Scientific Update Ltd, UK

13.30 **Dr Katherine Wheelhouse**, GlaxoSmithKline, UK
Technology for Probing Catalytic Processes

14.15 **Dr Annamaria Lilienkamp**, University of Edinburgh, UK
Transition Metal Catalysis in Living Systems

15.00 Coffee and Exhibition

Dr Ian Davies, Princeton University, USA
15.30 *Catalyzing Change in Global Pharma Supply Chains*

16.15 **Dr Laurent Lefort**, InnoSyn, The Netherlands
Far Beyond Benchmark Substrates: Complex Chiral Amine via Asymmetric Hydrogenation

17.00 **Conference Ends**

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