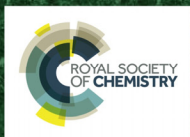


# Challenges in Catalysis IV

A one day symposium on  
Wednesday 5<sup>th</sup> November at  
Burlington House, London



## Challenges in Catalysis for Pharmaceuticals & Fine Chemicals IV

**Date:** Wednesday, 5th November 2014

**Venue:** RSC, Burlington House, Piccadilly, London W1J 0BA, UK

**10:15** Registration, refreshments and poster display

**Session chair:** Paul Murray, RSC Applied Catalysis Group

**11:00 Introduction & welcome**

**11:05 What goes around comes around, or does it?**

Guy Lloyd-Jones, Edinburgh University, UK

**11:50 The current art of modeling organocatalysis: the Houk-List model revisited a decade on**

Henry Rzepa, Imperial College, London, UK

**12:35** Lunch and poster display

**Session chair:** David Alker, SCI Fine Chemicals Group and David Alker Associates

**13:35 How much catalyst do we need?**

Carsten Bolm, University of Aachen, Germany

**14:20 Important catalytic transformations for drug development**

Chris Senanayake, Boehringer Ingelheim, US

**15:05 Biotransformations and scale-up**

Tom Moody, Almac Goup

**15:50** Refreshment and poster display

**Session chair:** Andy Whiting, RSC Applied Catalysis Group & Durham University

**16:05** Poster prize awards

**16:10 Direct amide formation - the issues, the art, the industrial application**

David Jackson, Syngenta AG, Switzerland

**16:55 Pot-economy in total synthesis**

Yojiro Hayashi, Tohoku University, Japan

**17:40 Closing remarks**

Andy Whiting, RSC Applied Catalysis Group & Durham University

**17:45 Wine mixer & depart**

## **Synopsis**

The RSC Applied Catalysis Group and the SCI Fine Chemicals Group are pleased to announce 'Challenges in Catalysis IV', returning by popular demand, following highly successful meetings in 2007, 2009 and 2011. Once again, an exciting programme has been assembled to highlight the current challenges and practices of catalysis science in the Pharmaceutical and Fine Chemicals industries. Thanks to the generosity of our sponsors, registration costs have been kept as low as possible!

Topics to be covered this time will include the latest developments in modelling and mechanism in catalytic processes, non-precious metal catalysis, direct amidation, biocatalysis and organocatalysis.

## **About the ACG**

The Applied Catalysis Group aims to promote both hetero- and homo-generous catalysis through a range of activities including seminars, conferences and other professional activities related to chemical catalysis.

## **Posters**

The deadline for poster submissions is **12th September 2014**. Please submit a poster abstract to [maggi@maggichurchoosevents.co.uk](mailto:maggi@maggichurchoosevents.co.uk) using the template which is available on the website, [www.maggichurchoosevents.co.uk/RSC-ACG](http://www.maggichurchoosevents.co.uk/RSC-ACG).

## **Bursaries**

We are pleased to offer:

- Free registration for the first 10 students who are accepted to present a poster (first-come, first-served).
- Travel bursaries may be available to other student members attending the meeting. If you wish to have further information, please contact [maggi@maggichurchoosevents.co.uk](mailto:maggi@maggichurchoosevents.co.uk).

## **Exhibition Opportunities**

There will be a small exhibition of relevant trade stands. The exhibition fee is £500 which includes one trade stand staff (no access to the symposium).

The exhibition package includes:

- Stand area with space for roller panel or poster board to display products and services
- Inclusion of flyers in delegate materials/packs
- Inclusion of an advert slide to be played on rotation on the main screen during breaks
- Sponsor logo acknowledgement on meeting programme
- Attendance by one representative, including food and drinks mixer event (excludes access to technical programme)

## Registration

### Early-bird rate up to 11<sup>th</sup> September

RSC / SCI member.....£120

Non-member.....£160

RSC / SCI student.....£45

Student non-member.....£80

### Payment from 12<sup>th</sup> September

RSC / SCI member .....£150

Non-member .....£190

RSC / SCI student .....£50

Student non-member.....£95

Registration fees include a delegate pack and hot buffet lunch.

The refreshments and wine mixer are sponsored by BASF.

## Sponsors

*This event is organised  
jointly by:*



**Applied Catalysis Group**



*We would like to thank the sponsors of our meeting:*



**Johnson Matthey**  
Catalysis and Chiral Technologies

**syngenta**

**AstraZeneca**

