Challenges in Catalysis IV

A one day symposium on Wednesday 5th November at Burlington House, London

ROYAL SOCIETY OF CHEMISTRY

SCI
where science meets business

Programme

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@maggichurchouseevents.co.uk using the template which is available on the website, www.maggichurchouseevents.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@maggichurchouseevents.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 11th September	**Payment from 12th September**
RSC / SCI member……..£120	RSC / SCI member ……..£150
Non-member……£160	Non-member ……£190
RSC / SCI student……..£45	RSC / SCI student ……..£50
Student non-member…….£80	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:

ROYAL SOCIETY OF CHEMISTRY

Applied Catalysis Group

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We would like to thank the sponsors of our meeting:

JM
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Catalysis and Chiral Technologies

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