



Innovations in Chemical Synthesis

Friday 2 December 2011

SCI HQ, London, UK

Organised by SCI's Young Chemists' Panel



Programme

10.00 Registration and refreshments

Session chair: Dr Tom Sheppard, University College London

10.30 Welcome and introductory remarks

10.35 **Well defined iron catalysts in organic synthesis**

Dr Michael Ingleson, University of Manchester

11.25 **Making the strain: recent developments in the synthesis of small rings**

Dr Christopher Bray, Queen Mary: University of London

12.15 Lunch and posters

Session chair: Dr Ai-Lan Lee, Heriot-Watt University

13.15 **Continuous processing technology... seeing the wood for the trees**

Dr Malcolm Berry, GlaxoSmithKline

14.05 **Transition-metal catalysed C-C activation: strategies and applications**

Dr Christophe Aissa, University of Liverpool

14.55 Refreshment break

Session chair: Dr Ela Smiljanic-Hurley, MRC Technology

15.10 **Asymmetric iridium catalysis in synthesis**

Dr John Bower, University of Bristol

16.00 **Keynote lecture: Metal-catalysed synthesis of amines and amides**

Prof Jonathan Williams, University of Bath

17.00 Close of meeting

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Organisers

Dr Martin Lowe, UCB

Dr Ela Smiljanic-Hurley, MRC Technology

Dr Tom Sheppard, University College London

Dr Ai-Lan Lee, Heriot-Watt University

Front cover image photographed by John Holman and Nathan Pitt

Synopsis

This 18th Annual Review Symposium organised by SCI's Young Chemists' Panel, will focus on emerging methods in chemical synthesis.

We have an exciting line up of the UK's leading young academics, who will deliver a comprehensive overview of innovative methodology covering topical research areas in transition metal-catalysis and the synthesis of strained rings. A lecture on flow chemistry will provide an insight into the use of this innovative approach to synthesis within the pharmaceutical industry. The plenary lecture will be given by one of the UK's leading researchers in transition-metal catalysis and will describe recent results on the development of new catalytic approaches to amines and amides.

Attendees

The meeting is aimed at graduates and post-graduates with a background in organic synthesis or inorganic chemistry, and is ideally suited to those studying for a postgraduate degree or working in the pharmaceutical, biotechnology or agrochemical industries. A booklet will be provided to all participants containing the lecture materials, as well as extensive literature references which will be an excellent resource for years to come.

Posters

There will also be a poster session and interested delegates are strongly encouraged to submit their application early, as numbers will be limited. Please send a one-page abstract to conferences@soci.org by **Monday 10 October 2011**.

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2 December 2011 @ SCI HQ, London, UK

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