



# Innovations in Chemical Synthesis

Friday 2 December 2011

SCI HQ, London, UK

Organised by SCI's Young Chemists' Panel



**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

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## 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](mailto:conferences@soci.org) by **Monday 10 October 2011**.

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**Innovations in Chemical Synthesis**

2 December 2011 @ SCI HQ, London, UK

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