

Scientific Update Training Courses 2009

# Contemporary Strategies in Organic Synthesis

15 - 18 September 2009 The Copthorne Tara Hotel, London, UK



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# Contemporary Strategies in Organic Synthesis

15 - 18 September 2009 The Copthorne Tara Hotel, London, UK

## Tutors

**Alan Armstrong & Alan Spivey**  
Imperial College, London

**Steve Caddick**  
University College, London

**Alison Hulme**  
University of Edinburgh

**Billy Kerr**  
University of Strathclyde

**Steve Marsden**  
University of Leeds

**Joe Sweeney**  
University of Reading

Each tutor gives two lectures, covering the topics outlined. After each session there is a tutorial and there is ample time for group discussion and questions.

The session finishes early on one afternoon to allow delegates some free time.

## Outline

Tuesday 15 September

- 08.30 Registration
- 08.45 Introduction
- 09.00 Formation of C-C Bonds by Ionic/Metal Mediated Processes  
*Steve Caddick*
- 10.00 Tutorial
- 10.45 Coffee
- 11.15 Heterocycles Ring Synthesis  
*Alan Spivey*
- 12.15 Tutorial
- 13.00 Lunch
- 14.00 Cross Coupling Reactions  
*Alison Hulme*
- 15.00 Tutorial
- 15.45 Coffee
- 16.15 Metal-Mediated Cycloadditions and Metathesis Processes  
*Billy Kerr*
- 17.15 Tutorial
- 18.00 Session Finishes
- 20.00 Dinner

Wednesday 16 September

- 09.00 Heterocycles Ring Elaboration  
*Alan Spivey*
- 10.00 Tutorial
- 10.45 Coffee
- 11.15 Formation of C-C Bonds by Aldol/Enolate Reactions  
*Alison Hulme*
- 12.15 Tutorial
- 13.00 Lunch
- 14.00 Formation of C-C Bonds by Radical Process  
*Steve Caddick*
- 15.00 Tutorial
- 15.45 Afternoon free for sightseeing

This course has been designed to complement the "Synthesis and Methods" course. The material covered is presented by a group of talented, enthusiastic, academics from European Universities. The lectures focus on Contemporary Strategies in Organic Synthesis stressing the important literature in 1999-2008 and highlighting those, which will be of importance to chemists in industry. This course is intensive, but in a relaxed informal atmosphere which makes for an enjoyable 4 days.

The comprehensive course manual, containing copies of all the material presented, enables maximum literature coverage with the minimum of note taking required. Extensive references are also included for future reference.

The tutorials are designed to enhance the lecture material by application to problems in organic synthesis.

**Numbers will be restricted at this meeting so book early to avoid disappointment**

Register 2 attendees and **SAVE 5%**  
Register 3 or more attendees and **SAVE 15%**

Fee £1753.75 including VAT@15%, lunch & refreshments each day, course dinner and course manual

#### Thursday 17 September

09.00 Methods for C=C Bond Formation  
*Billy Kerr*

10.00 Tutorial

10.45 Coffee

11.15 Cycloaddition Reactions  
*Steve Marsden*

12.15 Tutorial

13.00 Lunch

14.00 Preparation of C-X Bonds  
*Alan Armstrong*

15.00 Tutorial

15.45 Coffee

16.15 Recent Developments in Organocatalysis  
*Joe Sweeney*

17.15 Session Finishes

#### Friday 18 September

09.00 Reduction Processes  
*Steve Marsden*

10.00 Tutorial followed by Coffee

10.45 Oxidation Processes  
*Alan Armstrong*

11.45 Tutorial

12.30 Recent Developments in Aromatic Heterocyclic Chemistry  
*Joe Sweeney*

13.30 Lunch and Close

## Who Should Attend?

The level of the course is university postgraduate standard.

The course is intended for graduates and PhD's in research and development, particularly in discovery/medicinal chemistry and process R&D.

## General Information

The course begins with registration at 8.30am on Tuesday 15 September and finishes after lunch at approximately 2:30pm on Friday 18 September.

There is a course dinner for all attendees on Tuesday 15 September.

## Accommodation

Accommodation has been reserved at the special rate of £120 for single occupancy (including VAT and continental breakfast). Please use the hotel booking form, which will be sent when you register.

## Venue

The Copthorne Tara Hotel, London, UK  
Scarsdale Place, Kensington, London W8 5SR. Tel: +44 20 7937 7211 Fax: +44 20 7937 7100

The hotel is ideally located in a quiet corner of Kensington, within easy reach of the shops and restaurants of Kensington High Street and Knightsbridge. Nearby are many places of interest, including the Royal Albert Hall, Kensington Palace and Gardens, Hyde Park as well as the world renowned Victoria & Albert and the Natural History and Science museums.



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**For late applications** please register on line at [www.scientificupdate.co.uk](http://www.scientificupdate.co.uk) or fax the completed registration form, including credit card payment information.

**Venue/Accommodation** You will be sent a hotel booking form with your event confirmation and you will be responsible for making your own arrangements.

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