

Contemporary Strategies in Organic Synthesis

Tutors

Alan Armstrong
Imperial College

Steve Caddick
University College, London

Alison Hulme
University of Edinburgh

Billy Kerr
University of Strathclyde

Steve Marsden
University of Leeds

Alan Spivey
Imperial College

Joe Sweeney
University of Reading

Outline

Tuesday 9 September 2008

- 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 10 September 2008

- 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

Thursday 11 September 2008

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 12 September 2008

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.

This course complements the Synthesis & Methods Course with minimal overlap.

Fees

Fee includes lunch & refreshments, course dinner and course manual.

Accommodation

Scientific Update use high quality venues around the world. Preferential room rates including bed & breakfast are usually available.

Please check the Course Schedule on our website for venues, dates and availability.