

5th International Residential School in Combinatorial Chemistry
Department of Chemistry, University of Southampton
Monday September 13th to Thursday September 16th 2004

Provisional Timetable

Timetable Day 1: **Monday, September 13th.**

8.50 am Introduction

Dr Bruno Linclau (University of Southampton)

9.00 am Lecture: Introduction to Solid Phase Synthesis

Professor Mark Bradley (University of Southampton)

9.45 am Lecture: Linkers and Supports

Professor Mark Bradley (University of Southampton)

10.30-11.00 am

Coffee

11.00 am Lecture: Solution Phase Chemistry with a Solid Phase Twist – Resin Scavengers and Reagents

Professor Mark Bradley (University of Southampton)

11.45 am Lecture: Solid Phase Synthesis I

Dr Richard Brown (University of Southampton)

12.30 – 1.45 pm

Lunch

1.45 pm Lecture: Experimental design

Dr Paul Nelson (PRISM Training & Consultancy)

2.30 pm Lecture: Computational Aspects of Library Design

Dr Andrew Leach (GlaxoSmithKline)

3.15-3.45 pm

Tea

3.45 - 5.30 Computer Workshop

Dr Andrew Leach (GlaxoSmithKline)

7.00 pm Wine reception in Highfield Hall followed by dinner

Timetable Day 2: **Tuesday September 14th**

9.00 am **Lecture: Solid Phase Synthesis II**
Dr Richard Brown (University of Southampton)

9.45 am **Lecture: Alternative Phases I**
Dr Bruno Linclau (University of Southampton)

10.30-11.00 am **Coffee**

11.00 - 11.45 am **Lecture: Parallel Optimisation of Solid Forms**
Professor Chris Frampton (University of Southampton)

11.45 - 12:30 am **Lecture: 'Automated, Polymer-Assisted Solution Phase Synthesis'**
Dr Mark Ladlow (GlaxoSmithKline, Cambridge)

12.30-1.45 pm **Lunch**

1.45 pm **Lecture: TBA**
Dr Pelle Lidstrom (Personal Chemistry)

From 2.30 pm **Basic Practical Skills and Company Demonstrations**
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Mr Tony Dean (GlaxoSmithKline)
Dr Jeremy Hinks (University of Southampton)

3.30-4.00 pm **Tea**

....until 6.00pm **Basic Practical Skills (cont..)**

7.30 pm **Dinner at Highfield Hall**

Timetable Day 3: **Wednesday September 15th**

9.00 am **Lecture: Alternative Phases II**
Dr Bruno Linclau (University of Southampton)

9.45 am **Lecture: Applications of Combinatorial
Chemistry I**
Dr A. Ganesan (University of Southampton)

10.30-11.00 am **Coffee**

From 11.00 am **Basic Practical Skills and Company Demonstrations**
Mr Tony Dean (GlaxoSmithKline)
Dr Jeremy Hinks (University of Southampton)

12.30 – 1.30 pm **Lunch**

1.30 - 2.30pm **Basic Practical Skills (cont..)**
Afternoon free

8.00pm **Conference Dinner**

Timetable Day 4: **Thursday September 16th**

9.00 am **Lecture: TBA**

Prof Brian Hayden (University of Southampton)

9.45 am **Lecture: Applications of Combinatorial Chemistry II**

Dr A. Ganesan (University of Southampton)

10.30-11.00 am

Coffee

11.00 am **Lecture: High Throughput Medicinal Chemistry at GSK**

Dr Rob Lazell (GlaxoSmithKline)

11.45 am **Lecture: New approaches to High Throughput Purification and Analysis**

Mr Steve Jordan (Combipure)

12.30 - 12:45 am **Presentation:**

Dr Steve Fletcher (InsightFaraday)

12.45 pm Closing Remarks

12.45-1.45 pm

Lunch

END OF COURSE