

Organic Chemistry: Perspectives on the 21st Century IV
Asne Chastanet Resort, St. Lucia
27 May – 1 June 2007

Programme

Sunday, 27 May

- 19.30 – 20.30 Welcome reception - cocktails
20.30 – 22.00 Dinner

Monday, 28 May

Chair – Tony Barrett

- 9.20 Tony Barrett *Opening Remarks*
9.30 Alan Armstrong *New Methods and Synthetic Applications of Asymmetric Heteroatom Transfer*
10.05 Steve Smith *Natural Products as Inspiration in Agrochemical Lead Discovery*
10.40 Bob Young *Some Adventures in Drug Discovery*
11.15 Neville Anthony *The Development of Clinically Effective Inhibitors of HIV Integrase*
11.45 Bob Williams *Total Synthesis of Biologically Intriguing Alkaloids*
12.20 – 14.00 Lunch

Chair- Tony Wood

- 18.00 Ian O'Neil *Quinuclidine N-Oxide (QNO): Some Quite Nice Observations*
18.35 Rick Roberts *A Tale of Two *Cities*
19.10 Greg Simpson *Australia's Science and Technology Response to Counter-terrorism*
19.45 Samir Zard *Some New Perspectives for Organic Synthesis*
20.20 – 22.00 Dinner

Tuesday, 29 May

Chair – Derrick Clive

- 9.30 Tony Barrett *Designer Porphyrines: the Importance of Peripheral Substituent Change*
10.05 Hermut Wehlan *Total Synthesis of Apoptolidin*
10.40 George O'Doherty *De Novo Synthesis in Carbohydrate Chemistry*

11.15	Tony Wood	<i>Adventures in Medicinal Chemistry</i>
11.45	Ian Baxendale	<i>Flow Chemistry</i>
12.20 – 14.00		Lunch
<i>Chair- Steve Marsden</i>		
18.00	Chris Braddock	<i>Towards a Biosynthetically-Inspired Synthesis of the Obtusallenes</i>
18.35	Laure Ramos	<i>Untangling the Mysteries of Hair : Structural and Chemical Knowledge of Hair, Applied to Cosmetic Treatment</i>
19.10	Mike Shipman	<i>Fun with Strained Rings</i>
19.45	Dennis Taylor	<i>1,2-Dioxines - Ignored Starting Materials for Chemical Synthesis</i>
20.20 – 22.00		Dinner

Wednesday, 30 May

Chair – Daneel Ferreira

9.30	Darren Dixon	<i>Enantioselective Bifunctional Organocatalysis: New Powerful Methods and Synthetic Applications</i>
10.05	Sabine Flitsch	<i>Enzyme Catalysed Reactions on the Solid Phase</i>
10.40	John Flygare	<i>Inducing Programmed Cell Death in Cancer Cells: A New Therapeutic Approach</i>
11.15	Pat Guiry	<i>Recent Developments in Asymmetric Catalysis and Total Synthesis</i>
11.45	Steve Ley	<i>Natural Product Synthesis: A Stimulus for Discovery</i>
12.20 – 14.00		Lunch

Chair – Tony Barrett

18.00	Bob Young & Samir Zard	<i>Vignettes on the life and times of Sir Derek Barton</i>
18.45	Victor Snieckus	<i>Flatland Metalation: In Search of New Synthetic Aromatic Chemistry</i>
19.30 – 20.30		Champagne reception
20.30 – 22.00		Dinner

Thursday, 31 May

Chair – Bob Williams

9.30	Alan Spivey	<i>Agrochemical Lead Discovery</i>
10.05	Nick Turner	<i>Evolving Enzymes for Use in Organic Synthesis</i>

10.40	Mike Willis	<i>New Reactivity and Selectivity Using Transition Metal Catalysis</i>
11.15	Jeremy Edmunds	<i>Factor Xa – the Blood and Guts of It All</i>
11.45	Daneel Ferreira	<i>Absolute Configuration of Proanthocyanidins via Circular Dichroism</i>
12.20 – 14.00		Lunch
	<i>Chair- John Flygare</i>	
18.00	Simon Baker	<i>Organic Synthesis- An End-User's Perspective</i>
18.35	Derrick Clive	<i>Some Recent Developments in Methodology and Natural Product Synthesis</i>
19.10	Rob Batey	<i>Oxidative Cross-Coupling and Pericyclic Reactions for the Synthesis of Nitrogen Heterocycles</i>
19.45	Toshiyuki Itoh	<i>Iron Salt-Catalyzed Alkylation of Indole or Pyrrole</i>
20.20 – 22.00		Dinner

Friday, 1 June

Chair – Steve Ley

9.30	Barry Lygo	<i>Quaternary Ammonium Salts; Versatile Catalysts for Organic Synthesis</i>
10.05	Akio Kamimura	<i>Stereoselective Synthesis of Heterocyclic Compounds Through Domino Reactions</i>
10.40	Mike Greaney	<i>New Organopalladium Methodology for Complex Molecule Synthesis</i>
11.15	Steve Marsden	<i>From Quaternary Asymmetric Centres to Heteroaromatics: a Stereochemist Repents</i>
11.50	Steve Ley	<i>Closing Comments</i>
12.00 – 14.00		Lunch
TBC		Group sailing trip