



MMS Conferencing & Events Ltd



Young Chemists 2014 (YC14) - 4th April 2014
Department of Chemistry, Imperial College London

09:30 Coffee and Tea

10:15 **Opening remarks**, *Dr Chris Braddock, Imperial College London*

Session 1: *Chair: Dr Chris Braddock*

10:20 **Dr Simon Lewis**, University of Bath

"Microbial Arene Oxidation: Total Synthesis, Carbohydrate Chemistry and Organoiron complexes"

10:55 **Dr John Bower**, University of Bristol

"Catalytic Chirality Generation: New Strategies for N-Heterocyclic Chemistry"

11:30 **Dr Maria Munoz-Herranz**, University of East Anglia

"Metal-Allene Chemistry: New Interactions for New Adventures"

12:05 **Dr Allan Watson**, University of Strathclyde

"Controlling Boron Speciation to Enable Iterative Bond Formation"

12:40 **BREAK**

Session 2: *Chair: Prof Alan Spivey*

13:45 **Dr Craig Jamieson**, University of Strathclyde

"Catalytic Approaches to Amide Bond Formation"

14:20 **Dr Andrew Jamieson**, University of Leicester

"Peptide Tools for Investigating Histone Deacetylase Activation"

14:55 **Dr Anna Peacock**, University of Birmingham

"Exploiting de novo designed peptides as novel ligands for lanthanide ions"

15:30 **Dr Andreas Bender**, University of Cambridge

"Using Bioactivity Databases and Computational Tools for Ligand Design and Mode-of-Action Analysis"

16:05 **BREAK**

Session 3: *Chair: tba*

16:40 **Keynote Speaker: Professor Jim Thomas, Manchester University**

"Approaches to the total synthesis of biologically active natural products."

17:25 **Closing remarks**

17:30 Wine reception