

Day 1: Wednesday 10th November 2021

- 12:30-12:45 **Welcome and Introductions: David Ennis**, AstraZeneca
Chair: Thomas James, AstraZeneca
- 12:45-13:20 *"New Broad Scope Catalytic Strategies for Amine and Complex Natural Product Synthesis"* by **Professor Darren Dixon**, University of Oxford
- 13:20-13:55 *"Iron catalysed deuteration reactions"* by **Dr Ruth Webster**, University of Bath
- 13:55-14:30 **AstraZeneca lecture:** *"The development and impact of High Throughput Experimentation (HTE) within AstraZeneca"* by **Dr Andrew Campbell**, AstraZeneca
- 14:30-15:10 **Coffee and Breakout sessions**
- 15:10-15:45 *"Catalysis for Late-Stage Functionalisation"* by **Dr Miriam O'Duill**, University of Nottingham
- 15:45-16:20 *"Development of an Asymmetric Alkene Hydroheteroarylation Methodology"* by **Mr Tim Aldhous**, University of Bristol, **Best synthetic presentation at CASE conference**
- 16:20-16:25 **Concluding Remarks** by **Thomas James**, AstraZeneca

Day 2: Thursday 11th November 2021

- 12:30-12:35 **Welcome and Introductions/Chair: Rhona Cox**
- 12:35-13:10 *"Bismuth-mediated Arylation of Phenols"* by **Dr Liam Ball**, University of Nottingham
- 13:10-13:45 **AstraZeneca lecture:** *"Allosteric Covalent Inhibitors of the Mutant GTPase KRAS^{G12C}"* by **Laura Evans**, AstraZeneca
- 13:45-14:20 *"Metals and Molecular Machines: Studies Towards Autonomous Molecular-Level Motion"* by **Dr Beatrice Collins**, University of Bristol
- 14:20-15:00 **Coffee and Breakout sessions**
- 15:00-15:35 *"Cu-Catalysed Transformations of Alkylboronic Esters"* by **Dr Ben Partridge**, University of Sheffield
- 15:35-16:10 **AstraZeneca Chemistry Award: Dr James Bull**, Imperial College London
"Synthesis of new chemical motifs for design options in drug discovery"
- 16:10-16:30 **Concluding Remarks** by **Jeremy Parker**, AstraZeneca