



RSC Organic Division North East Regional Meeting
School of Chemistry, Newcastle University
Wednesday 6th April 2016

Lecture Theatre 1
Ground Floor, Herschel Building

9:00-9:20 Registration, Tea and Coffee

9:20 Welcome by Professor Ulrich Stimming

Session 1, Chair: Dr Michael Hall

9:30 **Dr Paul Clarke, York**
“Prebiotic Synthesis of Carbohydrates”

10:00 **Dr Graeme Turnbull, Northumbria**
“Synthesis and applications of fluorescent heterocyclic enzyme substrates”

10:30 **Dr Alyssa-Jennifer Avestro, Durham**
“All Charged Up: Mobilising Electrons Through Well-Defined Space”

11:00 **Professor David O'Hagan, St Andrews**
2015 Organic Stereochemistry Award Lecture “Fluorine as a stereoelectronic tool in the design of performance organic compounds”

12:00 Lunch, including Posters and Sponsor Displays

Session 2, Chair: Dr David Fulton

1:00 **Dr Goreti Ribeiro Morais, Bradford**
“Development of heterocycles as chemical tools for probing biological targets”

1:30 **Dr Suresh Kottakota, Sunderland**
“New routes for the synthesis of novel marine sponge metabolites”

2:00 **Dr Duncan Gill, Huddersfield**
“Towards a convergent synthesis of aconitine: synthesis of a fully functionalized D-ring from methyl β -D-glucopyranoside”

2:30 **Dr Philip Craven, Leeds**
“[5+2]/[4+2] cycloadditions: Novel strategies for accessing diverse, 3D molecular scaffolds”

3:00 **Dr Amadeu Bonet, Hull**
“Novel activation methods of diboron reagents”

3:30 **Dr Duncan Miller, Newcastle**
“Identification of a novel pharmacophore for inhibition of sulfatase-2”

4:00 Tea and Coffee, including Posters and Sponsor Displays

Session 3, Chair: Professor Bernard Golding

4:30 **Professor Michael Krische, University of Texas at Austin**
2015 Pedler Award Lecture “Formation of C-C Bonds via Catalytic Hydrogenation and Transfer Hydrogenation”

5:30-7:00 Wine Mixer and Poster Prizes