

# Catalysis Enabled Synthetic Methodology for Pharmaceuticals and Fine Chemicals

## Final Year Postgraduate Symposium 1<sup>st</sup> July 2008



- 9.30-10.00** Registration & Coffee
- 10.00-10.15** Welcome and Introduction by David Parker (CIKTN)
- Session I: Chaired by Dr Andy Whiting (Durham)**
- 10.15-11.15** URCCIP sponsored Lecture by Prof. Roger Sheldon
- 11.15-11.40** "From Waste CO<sub>2</sub> to Useful Chemicals"  
Riccardo Pasquale (Newcastle)
- 11.40-12.00** Coffee
- 12.00-12.25** "Functionalized Heteroaryl-Pyridazine and Pyridazin-3(2H)-one Derivatives via Catalytic Cross-Coupling Methodologies" Kate Clapham (Durham)
- 12.25-12.50** "Development of Palladium-Mediated Cross-Coupling Reactions for the Synthesis of the Northern Hemisphere of Viridienomycin"  
Jon Knowles (Durham)
- 12.50-14.00** Lunch
- Session II: Chaired by Dr Lee J Higham (Newcastle)**
- 14.00-14.25** "Insights into Selective Metal-Mediated Olefin Dimerisation" Will Wright (Durham)
- 14.25-14.50** "Metal-Dependent Reactivity of Electrophilic Platinum Group Metal Lewis Acid Catalysts" Catherine Smyth (Newcastle)
- 14.50-15.15** "Asymmetric Platinum-Group Catalysis with Enantiopure NUPHOS Diphosphines" Nick Sore (Newcastle)
- 15.15-15.45** Coffee
- 15.45-16.10** "Towards Predicting Catalyst Performance in Reactive Distillation Systems" Heather Todd (Newcastle)
- 16.10-16.55** Industrial Lecture by Fred Hancock (Johnson Matthey)
- 16.55-17.00** Summary and Close
- 17.00-18.00** Wine Mixer and Networking

Venue: LT3, Bedson Building, School of Natural Sciences, Newcastle University, UK



To reserve a place contact: lee.higham@ncl.ac.uk

