

CBC SEMINAR ANNOUNCEMENT



Professor Martin Wills
University of Warwick

The design, synthesis, and applications of new organometallic catalysts for ketone reduction

There is still an unmet need for efficient, robust and selective catalysts for a range of synthetic organic transformations. This talk will describe the structure and mechanisms of a number of highly active organometallic catalysts, primarily based on Ru, Rh and Fe, which have been developed in our group for the asymmetric reduction of ketones to enantiomerically-enriched alcohols. The mechanisms by which the catalysts operate, the concepts which we have used in their design, and the variety of applications to which they can be applied, will all be discussed in this lecture

Date:	7th December 2012 (Friday)
Time:	2:30pm – 3:30pm
Venue:	NTU SPMS CBC Building Level 2, Conference Room
Host:	Assoc Professor Roderick Bates