

UniCat Colloquium

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Lecturer: **Prof. Andrew S. Weller**, Department of Inorganic Chemistry, University of Oxford, UK

Title: **Putting vacant sites to work: Low coordinate cationic Rhodium Phosphine complexes**

Abstract: Low co-ordinate, electronically unsaturated, transition metal complexes are keystone in many stoichiometric and catalytic processes. However, they are often only kinetically implicated and not observed. The study of such intermediate complexes is thus of significant interest and depends on the judicious choice of metal/ligand system, solvent and anion - when the system is charged. In this talk two examples of the generation, stabilisation and use of vacant sites on cationic rhodium phosphines will be discussed: the hydroacylation of alkenes and aldehydes and amine borane dehydrocoupling to give 13/15 oligomeric materials.

Date: **Wednesday, 09 June 2010**

Time: **5:15 pm - around 6:45 pm**

Location: **HU Berlin
Institute of Chemistry,
Walter-Nernst-Haus
Brook-Taylor-Str. 2, 12489 Berlin
Marie-Curie-Hörsaal 0'06**

Organiser: Prof. Dr. Thomas Braun (HUB)

Guests are cordially invited to attend!

Prof. Dr. Matthias Driess, Chair of the Cluster of Excellence UniCat