

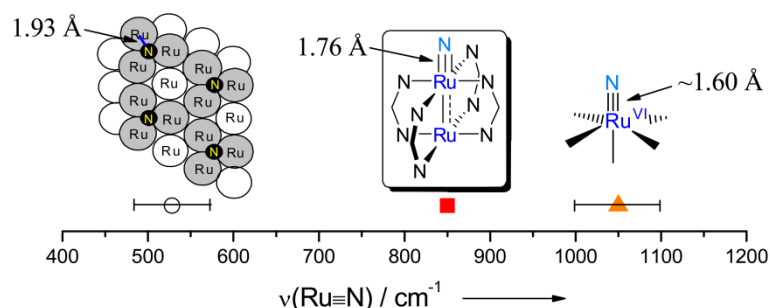
UniCat Colloquium

(www.unicat.tu-berlin.de)

Lecturer: **Prof. John F. Berry**, assistant professor at the University of Wisconsin-Madison, Inorganic Chemistry, USA

Title: **Coordination Complexes with Multiple Inorganic**

Abstract: Experiments will be described pertaining to the synthesis, properties, and reactivity of new compounds that contain both metal-metal and metal-ligand multiple bonds. The electronic influence of the metal-metal bond causes the metal-ligand multiple bonds in these compounds to be longer and more reactive than what is observed in mononuclear compounds. The involvement of metal-metal/metal-ligand multiply bonded compounds as highly reactive intermediates in C–H functionalization reactions, especially C–H amination, will be presented. Experimental and computational studies provide new mechanistic insight into catalytic C–H amination with metal-metal bonded catalysts.



Date: **Wednesday, 10 November 2010**

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

Location: **TU Berlin, Institute of Chemistry,
Building C, Straße des 17. Juni 115,
10623 Berlin, room C 243**

Organiser: Prof. Dr. Matthias Driess (TUB)

Coffee and tea will be served thirty minutes prior to the lecture start.
Guests are cordially invited to attend!

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