

UniCat Colloquium

PROF. FRANZISKA SCHOENEBECK

RWTH Aachen

Understanding and Design of Organometallic Reactivity with Experimental and Computational Tools

Detailed understanding of catalytic transformations is key to designing better catalysts. This talk will give insights on case studies and reactivity designs recently undertaken in our laboratory. A combination of experimental and computational tools were applied to study and/or predict the favoured reaction mechanisms, active catalytic species, ligand and additive effects of selected transformations mediated by palladium species of the oxidation states 0, I, II and III that are of relevance to C-H activation and cross-coupling processes. As a result of these investigations, novel reactivities have been uncovered and applications developed.

Wednesday, January 21, 2015 at 5:15 PM

TU Berlin, Institute of Chemistry
Straße des 17. Juni 115, 10623 Berlin

Building C, Lecture Hall **C 264**

Prof. Schwarz (TUB)

Organizer

Coffee and cake will be served 30 minutes before the lecture. Guests are cordially invited to attend!
Prof. Dr. Matthias Driess - Chair of the Cluster of Excellence UniCat - www.unicat.tu-berlin.de



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