

UniCat Colloquium

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Transition Metal Complexes with Fluorinated Alkoxides for C-H and O-H bond Oxidation Reactions

First row-transition metal complexes are under intense investigation to replace heavier, more expensive and/or toxic metal ions in catalytic processes. Many of these processes are oxidative which places stringent requirements on the ligands for stability under catalytic conditions. Fluorinated ligands are inherently more oxidatively robust than their hydrogenated counterparts. This talk will first give a brief background into our work with 3d transition metal complexes bearing fluorinated, oxygen donor ligands, and then discuss their reactivity in hydrocarbon oxidation and electrocatalytic water oxidation.

Wednesday, May 28, 2014 at 5:15 PM

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

Building C, Lecture Hall **C 264**

Prof. Driess (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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