

UniCat Colloquium

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Lecturer: **Prof. Tobias Ritter**, Associate Professor, Department of Chemistry and Chemical Biology, Harvard University, Cambridge, MA, USA

Title: **Transition metal-mediated and -catalyzed carbon-heteroatom bond formation**

Abstract: I will describe the development of recent palladium- and silver-based electrophilic oxidation reactions, with a focus on C-F and C-O bond formation. In addition, I will discuss new reaction chemistry for introduction of fluorine into complex, functionalized molecules. Late-stage fluorination enables the synthesis of conventionally unavailable positron emission tomography (PET) tracers for anticipated applications in pharmaceutical development as well as pre-clinical and clinical PET imaging.

Please find more information about Prof. Tobias Ritter on his webpage:
<http://www.chem.harvard.edu/groups/ritter/tobias.html>

Date: **Wednesday, March 14, 2012**

Time: **4:00 pm - around 5:30 pm**

Location: **TU Berlin
Institute of Chemistry
Straße des 17. Juni 115
10623 Berlin
Building C
Lecture Hall C 264**

Organizer: **Prof. Rainer Haag (FUB)**

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