



Einladung zum Vortrag von

Prof. Dr. Franziska Schoenebeck

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Germany

Adventures in Catalysis: from Mechanisms to Applications

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. These include our recent activities in establishing and exploring multinuclear metal catalysis, the unravelling of fundamental details of key elementary steps in catalysis and the development of metal-free reactivity to overcome pertinent synthetic challenges. Direct applications of these concepts to the late-stage introduction of fluorine-containing groups and chemoselective C-C bond formations for the creation of richly functionalized (hetero)aryl motifs will be presented. Experimental and computational tools were applied in these studies and their combined use will be featured in the presentation.

Mittwoch, 14. November 2018, 16:15 Uhr
Hörsaal 3 der Fakultät für Chemie
Boltzmannngasse 1, 1090 Wien

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