

UniCat Colloquium

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Lecturer: **Prof. Dr. Jieping Zhu**, Institut de Chimie des Substances Naturelles, Centre National de la Recherche Scientifique (CNRS), Gif-sur-Yvette, France

Title: **Enantioselective Multicomponent Reactions**

Abstract: The field of catalytic enantioselective transformations has blossomed into a mainstay of chemistry. While many reactions can currently be run with high yields and high enantioselectivities, there remains progress to be made in terms of reaction efficiency, atom economy and environmental safety.

One direction that can potentially combine all these concepts is the development of enantioselective multicomponent reactions (MCRs). Indeed, MCRs are intrinsically connected to sustainable chemistry and are highly valuable for creating molecular diversity and complexity. In this presentation, we will present our recent work on the development of enantioselective Passerini 3CR, Ugi type MCR and Povarov reactions.

Date: **Wednesday, 25 November 2009**

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. Roderich Süßmuth (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