



Vortragsankündigung

- im Rahmen des UniCat-Kolloquiums -
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Es spricht: **Prof. Dr. Ronny Neumann**, *Department of Organic Chemistry, Weizmann Institute of Science, Rehovot, Israel*

Zeit: **Mittwoch, 03. Juni 2009 17:15 Uhr**

Ort: **TU Berlin**
Institut für Chemie, Altes Chemiegebäude
Straße des 17. Juni 115, 10623 Berlin
Raum C 243

Thema: **Concepts for the Activation of Molecular Oxygen and Catalytic Homogeneous Oxidation**

Abstract: This talk will give an overview and describe recent results on the activation of molecular oxygen and possible modes for its use in catalytic homogeneous oxidation reactions. Emphasis will be placed on mechanistic aspects including the principles of electron transfer-oxygen transfer mechanisms, isolation of intermediates and catalysis in reactions such as methane oxidation, alkene and alcohol oxidation and oxidative carbon-carbon bond cleavage.

Organisator: Prof. Dr. Helmut Schwarz (TUB)

Gäste sind herzlich willkommen!

Prof. Dr. Matthias Drieß
Sprecher des Exzellenz-Clusters UniCat