

VORTRAG IM RAHMEN DES SONDERFORSCHUNGSBEREICHS 623
DER UNIVERSITÄT HEIDELBERG
MOLEKULARE KATALYSATOREN: STRUKTUR UND FUNKTIONSDSIGN

Freitag, 15. November 2002, 11.15 Uhr

Hörsaal West, Im Neuenheimer Feld 252

Professor Charles P. Casey

Department of Chemistry, University of Wisconsin, USA

**"New Hydrogenation Catalysts for Polar Molecules that
Deliver Hydride from a Metal and a Proton from an
Electronegative Atom"**

Abstract:

A hydroxycyclopentadienyl ruthenium hydride is the active reducing agent of aldehyde hydrogenation catalysts developed by Shvo. Evidence for the mechanism of aldehyde reduction by these species will be presented, along with studies of the regeneration of the active reducing agent from reaction with H₂. Based on these mechanistic studies, more active catalysts have been developed.

Gäste sind herzlich willkommen.

Bei Interesse an einem Gesprächstermin bitte melden im:
Büro des SFB 623 Tel.: 06221-54-8415 Fax: 06221-54-4885