

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

Dienstag, 19. November 2002, 17.30 Uhr

Hörsaal West, Im Neuenheimer Feld 252

Professor David Milstein

Department of Organic Chemistry
The Weizmann Institute of Science, Rehovot, Israel

"Manipulating Organometallic Chemistry with *Pincers*"

Abstract:

Tri-dentate "pincer" type ligands, which bind to a metal center via carbon and two donor atoms, can impart on the metal unusual properties and reactivity patterns. Our work on PCX (X=P,N,O) type systems will be described, including C-C, C-H and C-O bond activation, catalysis of C-C bond formation and the generation of an unusual family of compounds, metalla-quinonoides. New types of interactions between transition metal complexes and arene systems, and their consequences for catalysis, will be presented.

Gäste sind herzlich willkommen.

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

gez. Professor Peter Hofmann