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

Mittwoch, 17. September 2003, 14:15 Uhr

Hörsaal West, Im Neuenheimer Feld 252

Prof. Dr. Yoshinori Yamamoto

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"New Synthetic Methodologies using Palladium Catalysts"

Abstract:
Catalytic asymmetric allylation of imines using allyl-silanes and stannanes proceeds in good to high yields and ee's in the presence of a chiral pi-allylpalladium complex. The intermediate, bis-pi-allylpalladium, exhibits reactivity as an amphiphilic catalytic allylation agent. Indols, triazoles, and tetrazoles are synthesized through a pi-allylpalladium azide complex. Lewis acid catalyzed and palladium catalyzed reactions of alkynes are compared and an interesting example for a dual role catalyst is demonstrated

Gäste sind herzlich willkommen.

Bei Interesse an einem Gesprächstermin bitte melden im:
Büro des SFB 623 Tel.: 06221-54-8427 Fax: 06221-54-8398

DER SPRECHER
gez. P. Hofmann