

CBC SEMINAR ANNOUNCEMENT



Professor Shuli You
Shanghai Institute of Organic Chemistry

Development of Catalytic Asymmetric Dearomatization Reactions

Asymmetric dearomatization reactions are particularly attractive methods in organic synthesis given the facts that the starting materials arenes are highly abundant and readily available, and the dearomatization reaction would provide direct access to compounds bearing quaternary carbon center, or polycycles and spirocycles. Unfortunately, due to the extra stability of “aromaticity” of the arenes, their dearomatization reaction with good enantioselective control has been rarely studied.

In this talk, the progress from the You laboratory on the development of catalytic asymmetric dearomatization processes will be introduced. Direct asymmetric dearomatization reactions of indoles, pyrroles, and phenols were realized with a proper choice of catalysts.

Date:	3rd August 2012 (Friday)
Time:	11:00am – 12:30am
Venue:	NTU SPMS CBC Building Level 2, Conference Room
Host:	Professor Loh Teck Peng