

Asymmetric Catalysis with Modularly Designed Organocatalysts

Speaker:

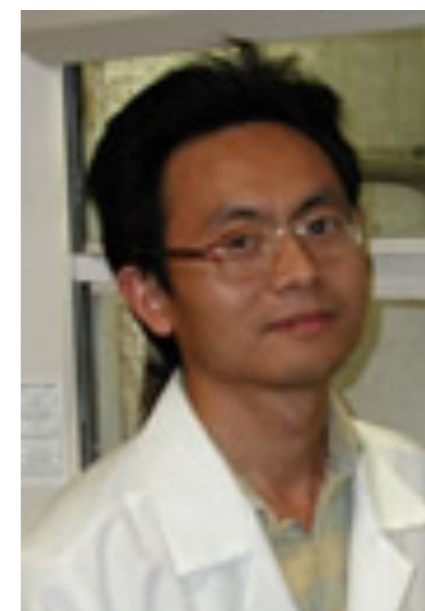
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Date: Tuesday, June 27, 2017

Time: 14:30–

Venue: B301 room, School of Science



Modularly designed organocatalysts (MDOs) are organocatalysts that are self-assembled in the reaction medium directly from properly designed precatalyst modules. The structures of these catalysts are easy to modify and a library of catalysts can be created by simple permutations of the precatalyst modules without any synthetic step. In this presentation, we will demonstrate that MDOs are excellent catalysts for many organic reactions. Most significantly, with properly designed systems, diastereodivergent catalysis can also be readily achieved by using MDOs