

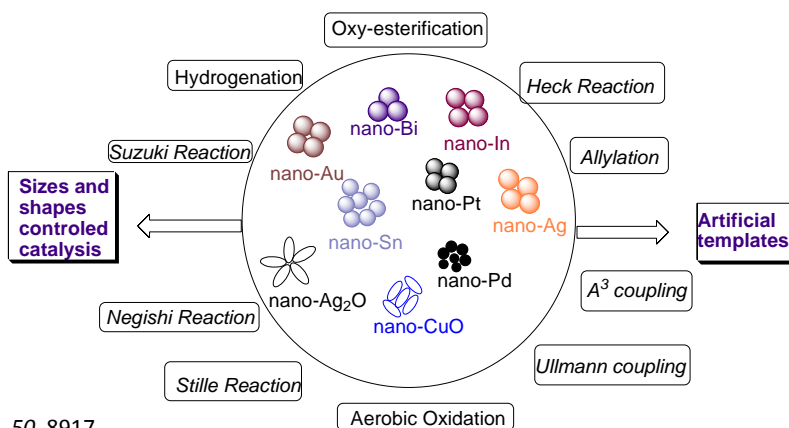
## CBC SEMINAR ANNOUNCEMENT



**Professor Wang Zhiyong**  
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### Nano-materials, an efficient and promising family of novel heterogeneous catalyst in organic synthesis

Nano materials with high surface areas as well as reactive morphologies have been widely studied. Recently nano-metals or nano-metal oxides were extensively employed as the heterogeneous catalyst to different organic reactions. Nano-material catalyzed reactions are generally characterized by easy purification of products, efficient recycling of catalyst and minimization of metal traces in the products. We have been focusing on this research for several years. Herein we report our research results about different preparation of the heterogeneous catalysts based on the different nano-materials and their application in various organic reactions.



#### Reference:

1. *Angew.Chem.Int.Ed.*, **2011**, 50, 8917
2. *Adv. Synth. Catal.* **2012**, 354, 569
3. *Chem. Commun.*, **2010**, 46, 5244
4. *Dalton. Trans*, **2009**, 43, 9363

**Date:** 1<sup>st</sup> August 2012 (Wednesday)  
**Time:** 11:00am – 12:30pm  
**Venue:** NTU SPMS CBC Building Level 2,  
Conference Room  
**Host:** Professor Loh Teck Peng