

Singapore Catalysis Forum

17 May 2010

Breakthrough Theatre, Matrix Level 4, Biopolis, Singapore

8.30 AM	Registration
9.00 AM – 9.10 AM	Opening Remarks
9.10 AM – 9.45 AM	Metabolic Pathway Design and Reconstruction for Efficient Succinate Production in Escherichia Coli Ka-Yiu San, Rice University
9.45 AM – 10.20 AM	Lewis and Brønsted Acid-Catalyzed Strategies for Carbon-Carbon and Carbon-Heteroatom Bond Formation Philip Wai Hong Chan, Nanyang Technological University
10.20 AM – 10.45 AM	Tea break
10.45 AM – 11:20 AM	Catalytic Conversion of Cellulose into Renewable Chemicals Atsushi Fukuoka, Hokkaido University
11.20 AM – 11.55 PM	Production of Bio-Fuels and Chemicals from Biomass by using Cell Surface Engineered Microbial Cells Akihiko Kondo, Kobe University Science
11.55 AM – 12.30 PM	High Performance Metal Catalysts Design and Construction; From Single Crystal Planes to Nanocrystals Shi-Gang Sun, Xiamen University
12.30 PM – 1.45 PM	Lunch & Poster Viewing
1.45 PM – 2.20 PM	Late Transition Metal-Pincer Complexes in Partial Oxidation Chemistry and Utilizing O₂ Directly as a Reagent Richard A. Kemp, University of New Mexico
2.20 PM – 2.55 PM	Ni Catalysts for Low Temperature Ethanol Steam Reforming Lin Jianyi, Institute of Chemical and Engineering Sciences
2.55 PM – 3.30 PM	Development of Biocatalysts for Asymmetric Oxidoreductions Zhi Li, National University of Singapore
3.30 PM – 4.00 PM	Tea Break
4.00 PM – 4.35 PM	Development of Enantioselective Catalysts for Industrial Processes Takushi Nagata, Mitsui Chemicals
4.35 PM – 5.10 PM	Design and Synthesis of Nanostructured Catalysts Hua Chun Zeng, National University of Singapore
5.10 PM – 5.30 PM	Poster Prize Giving Ceremony and Winner Presentations
5.30 PM – 6.00 PM	2nd Singapore Catalysis Society Annual General Meeting
6.30 PM	Forum Dinner
8.00 PM	END