

SACC 2017 Program Schedule: 22 -23 May 2017

Monday, 22 nd May 2017		Tuesday, 23 rd May 2017	
08:00 – 08:45	On-site Registration		
08:45 – 09:00	Opening Ceremony <ul style="list-style-type: none"> • Prof. Teoh Swee Hin (Chair, SCBE) • Dr. Armando Borgna (President, SCS) 		
09:00 – 09:45	Plenary talk – 1 (Chair: Dr. Armando Borgna) Prof. Lynn Gladden What is Happening Inside Catalyst Pores?	09:00 – 09:45	Plenary talk – 3 (Chair: Dr. Chen LuWei) Prof. Michael Claeys Stability of CO-hydrogenation catalysts
Morning Session – 1 (Chair: Prof. Yan Ning)		Morning Session – 1 (Chair: Dr. Alexander Genest)	
09:45 – 10:10	Prof. Wei-Xue Li (Keynote) Catalytic Activity and Stability of Metal Nanoparticles from First-Principles Theory	09:45 – 10:10	Prof. Shigeyoshi Sakaki (Keynote) Catalysis by Combined System of Transition Metal Complex with Lewis Acid: Theoretical Insight into Crucial Role of Lewis Acid
10:10 – 10:30	Dr. Gary Casty (Invited) Encapsulated Pt Nanoparticles: An Industry/University Collaboration	10:10 – 10:30	Dr. Michail Stamatakis (Invited) Beyond-Mean-Field Approaches for Modelling Catalytic Kinetics
10:30 – 10:45	Prof. Anupama Mishra (Oral Talk) Nanostructured Perovskite Catalysts Synthesized by Reactive Grinding for Diesel Soot Oxidation	10:30 – 10:50	Prof. Neeraj Rai (Invited) Mechanistic Insights into Hydrodeoxygenation of Phenol on Bimetallic Phosphide Catalysts
10:45 – 11.15	Tea Break and Group Photo	10:50 – 11.20	Tea Break
Morning Session – 2 (Chair: Dr. Martin van Meurs)		Morning Session – 2 (Chair: Prof. Tan Choon Hong)	
11.15 – 11:40	Dr. John Wai (Keynote) Capitalizing on Advances in Catalysis for Drug Discovery Efforts	11:20 – 11:45	Dr. Poonsakdi Ploypradith (Keynote) Strategy utilizing Pt(IV)-catalyzed cycloaddition of o-quinone methides and Ru(II)-catalyzed olefin ring-closing metathesis for the stereoselective synthesis of the palodesangren core
11:40 – 12:00	Prof. Zaher Judeh (Invited) Synthesis of Tetrahydroisoquinolines and their Application as Chiral Ligands in the Cu-Catalyzed Enantioselective Henry Reaction	11:45 – 12:05	Prof. Naohiko Yoshikai (Invited) Cobalt Catalysis for C–H Bond Functionalizations
12:00 – 12.20	Prof. Yongzheng Chen (Invited) Enantioselective and Regioselective Biooxidation C-H bond of 1,2,3,4-Tetrahydroquinoline Derivates	12:05 – 12:25	Dr. Kongkiat Suriye (Invited) The Commercial Development of New to the World Bromine Index Reduction Technology for Benzene Feedstock
12:20 – 12:40	Prof. Li-Rong Yang (Invited) Chemo-enzymatic Synthesis Technology of Nicotinamide	12:25 – 12:45	Prof. Zhongwen Liu (Invited) Hydrogen production via steam reforming of dimethyl ether
12:40 – 13:25	Lunch	12:45 – 13:30	Lunch
13:25 – 13:55	Poster Session	13:30 – 14:00	Poster Session
13:55 – 14:40	Plenary talk – 2 (Chair: Prof. Samir H. Mushrif) Prof. Notker Rösch Reactions at Zeolite-Supported Transition Metal Centers – Challenges in Modeling Single-Site Catalysis	14:00 – 14:45	Plenary talk – 4 (Chair: Dr. Liu Yan) Prof. Erik Heeres Catalyst studies on the hydrogenation of levulinic acid to γ -valerolactone

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Afternoon session – 1 (Chair: Dr. Wu Jin Chuan)		Afternoon session – 1 (Chair: Prof. Liu Bin)	
14:40 – 15:05	Prof. Yasuhisa Asano (Keynote) Discovery and utilization of enzymes from the “aldoxime-nitrile pathway”	14:45 – 15:05	Prof. Zhichuan Xu (Invited) Oxygen Electrocatalysis on Transition Metal Spinel Oxides
15:05 – 15:25	Prof. Jia-Xun Feng (Invited) Characterization of a novel raw starch-digesting glucoamylase from <i>Penicillium oxalicum</i> for efficient hydrolysis of raw starch and ethanol fermentation	15:05 – 15:25	Prof. Misri Gozan (Invited) Poly-lactic Acid Production Through L-lactide Ring Opening Polymerization by <i>Candida rugosa</i> Lipase
15:25 – 15:45	Prof. Dai-Di Fan (Invited) Polysaccharides/Human-like Collagen Injectable Hydrogels	15:25 – 15:45	Prof. Li Zhi (Invited) Asymmetric functionalizations of alkenes via cascade biocatalysis
15:45 – 16:15	Tea Break	15:45 – 16:15	Tea Break
Afternoon session – 2 (Chair: Dr. Wang Bo)		Afternoon session – 2 (Chair: Dr. Goh Chee Keong)	
16:15 – 16:40	Prof. Wei Chu (Keynote) Designed preparation of Fischer Tropsch Catalysts via plasma for Clean Fuels	16:15 – 16:30	Prof. Lee Hwei Voon (Oral talk) Catalytic oxidative-hydrolysis of oil palm empty fruit bunch into nanostructure cellulose
16:40 – 17:00	Prof. Haibin Su (Invited) Developing Better Catalysts for Syngas Conversion and CO ₂ Electro-reduction	16:30 – 16:50	Dr. Jayasree Seayad (Invited) C-C Coupling of Arenes and Heteroarenes by C-H Activation
17:00 – 17:20	Prof. Triwahyono Sugeng (Invited) Mesoporous Fibrous Silica KCC-1 for CO ₂ Methanation	16:50 – 17:05	Poster Awards
		17:05 – 17:15	Closing Remarks
17:40 – 18:40	Transportation to Banquet Venue	17:15 – 18:00	Singapore Catalysis Society Annual General Meeting 2017
18:40 – 21:00	Conference Banquet Melt Café – Hotel Mandarin Oriental	18:00 – 20:00	Buffet and Networking