

## The Joint Workshop of Surface Science and Catalysis

January 6, 2014, Room 202, Lu-Jiaxi Building

	Time		Chairman
	8:30-9:00	<b>Zhaoxiong Xie:</b> Open remark Introduction of PCOSS	
		<b>Fumio Komori:</b> Introduction of ISSP & collaborative research on a photo-catalyst	Youzhu Yuan
1	9:00-9:45	<b>Fumio Komori, Tokyo University</b> Self-assembled nanostructures at nitrogen-modified Cu surfaces	
2	9:45-10:15	<b>Zhaoxiong Xie, Xiamen University</b> Preparation and Enhanced Catalytic Properties of Noble Metal and Metal Oxide Nanocrystals with High Energy Crystal Surfaces	
	10:15-10:30	Coffe Break	
3	10:30-11:00	<b>Yoshihisa Harada, Tokyo University</b> In situ/operando high resolution soft X-ray emission spectroscopy	Fumio Komori
4	11:00-11:30	<b>Mingshu Chen, Xiamen University</b> Catalytic oxidation of alkanes: A Surface Science Approach	
5	11:30-12:00	<b>Yong Wang, Xiamen University</b> Hydrodeoxygenation of lignin-derived compounds on Pd-Fe bimetallic catalysts	
	12:00-14:30	Lunch	
6	14:30-15:00	<b>Christopher T. Williams, University of South Carolina</b> Applications of Total Internal Reflection Vibrational Spectroscopy to Solid-Liquid Catalytic Interfaces	Kenichi Tanaka
7	15:00-15:30	<b>Bin Ren, Xiamen University</b> Tip-enhanced Raman Spectroscopy--from Solid/Gas Interfaces to Electrochemical Interfaces	
8	15:30-16:00	<b>Zhiyou Zhou, Xiamen University</b> Phenylenediamine-based FeN <sub>x</sub> /C electrocatalyst for oxygen reduction and active site probing	
	16:00-16:20	Coffe Break	
9	16:20-16:50	<b>Keni-chi Tanaka, Tokyo University</b> Low temperature oxidation of CO catalyzed by H <sub>2</sub> O	Zhaoxiong Xie
10	16:50-17:20	<b>Youzhu Yuan, Xiamen University</b> Supported coinage bimetallic nanoparticles of Au- Ag, Au-Cu, and Ag-Cu with high performance for chemo-selective hydrogenation of esters	
11	17:20-17:50	<b>Nanfeng Zheng, Xiamen University</b> Surface and Interfacial Chemistry of Noble Metal Nanocrystals	
	18:00-20:00	Dinner	