

Conference Programme

4 Oct 2008, Liverpool

9:00 – 9:45 Registration/Setup Posters/Coffee and Tea

Opening & Keynote Session, Chair Professor Jianliang Xiao, Dr Chuang Peng,

9:45 – 10:00 Introduction from Science & Technology Section, Chinese Embassy

10:00 -10:20 SCI presentation

10:20 – 10:50 Inorganic materials, **Prof. Matt Rosseinsky**, University of Liverpool

10:50 – 11:20 Development of nano-materials and interfaces for catalysis, sensor and bio-medical applications
Prof. Edman Tsang, Oxford University

11:20 – 11:45 coffee & tea break

	Gossage Theatre (<i>materials & applications</i>)	Brunner Theatre (<i>synthesis & fabrication</i>)
11:45 – 12:45	Oral Session 1: Chair Prof. Yulong Ding	Oral Session 2: Chair Dr George Chen
11:45-12:00	Thermal and rheological properties of organic-based titania nanofluids, S. Witharana , Leeds	Supercritical water oxidation aided by direct/indirect microwave heating, Fang Tao , Nottingham
12:00- 12:15	Nanoporous hybrid materials for exceptional hydrogen storage and delivery of bioactive gases, Bo Xiao , St Andrews	Total synthesis of ionomycin, Zhanghua Gao , Leeds
12:15 -12:30	Novel porous materials by freeze drying, Lei Qian , Liverpool	Nature of O ₂ production from water, Junwang Tang , UCL
12:30 -12:45	Fabrication of micro-pudding – a kind of non-spherical soft nano-particle via emulsion Peng Xu , Akozol Nobel	PET imaging - the future tool for medical diagnosis and personal drug treatment Bo Shan , GE Healthcare
12:45-14:00	Lunch & Poster	
14:00 – 15:15	Oral Session 3: Chair Dr W Song	Oral Session 4: Chair Prof. Edman Tsang
14:00-14:15	Novel materials (MOFs) for nitric oxide storage and delivery, Ruikun Zhao , St Andrews	New Catalytic C-C Coupling Reactions Jiwu Ruan , Liverpool
14:15- 14:30	The nano-adhesion of newly tailored hot-melt pressure-sensitive adhesive with AFM S. Akogveram , Brunel	Sintering and melting of metallic nanoparticles P. Song , Queen Mary London
14:30 – 14:45	Ordered crystalline mesoporous metal oxides for NO storage and delivery materials Y. Ren , St. Andrews	Experimental and numerical investigation of particle classification in helical tube Wei Yang , Leeds.
14:45 – 15:00	From electro-catalysis at molecular level to novel fuel cell systems, Wen-feng Lin , Newcastle	Electrochemical synthesis of composites of PPy and carbon nanotubes for anion sensors Xiaohang Zhou , Nottingham
15:00 – 15:15	Use of nanotechnology in H ₂ storage Yinghe Zhang , Birmingham	Ion exchange in polymeric transition metal complexes. Xianjin Cui , Nottingham
15:15 – 15:35	Coffee break and posters	
15:35 – 16:30	Closing Session: Chair Dr D Wen, Dr Xuezhong Sun, Dr Xiubo Zhao, Dr Cigang Xu	
15:35 – 15:50	CSCST-UK president election	
15:50 – 16:05	Talk by Dr Zheng , representative from RSC	
16:05 – 16:30	Award results and conclusion remarks	