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## DICP-UCL Forum on Materials, Catalysis and Energy

<b>DICP-UCL Forum on Materials, Catalysis and Energy, 2013</b>			
<b>Time Table of Forum Presentations (25min lecture, 5min discussion )</b>			
<b>Date</b>	16 <sup>th</sup> March, 2013	<b>Place</b>	DICP, Biotechnology Building, Conference Room
<b>8:15-8:30 Opening Ceremony</b>		<b>Chair: Prof. Can Li</b>	
8:20-8:25	Welcoming Remarks	Prof. Tao Zhang, Director of DICP	
8:25-8:30	Opening Speech	Prof. Zhengxiao Guo, University College London	
<b>Session One: Catalysts for Energy Conversion</b>		<b>Chair: Prof. Zhengxiao Guo &amp; Prof. Wenjie Shen</b>	
8:30-9:00	<b>Green and Controlled Synthesis of Nanoceramics for Energy/Catalysis Applications; From Lab to Pilot Plant Scale</b> Prof. Jawwad Darr, <i>University College London</i>		
9:00-9:30	<b>Solar Hydrogen Production from Water by Heterogeneous Photocatalysis</b> Prof. Fuxiang Zhang, <i>Dalian Institute of Chemical Physics, CAS</i>		
9:30-10:00	<b>CO<sub>2</sub> Photoreduction to a Valuable Chemical or Fuel by Inorganic Photocatalysts</b> Dr. Junwang Tang, <i>University College London</i>		
10:00-10:15	<b>Coffee Break</b>		
<b>Session Two: Carbon Based Catalysts &amp; Biomass Conversion</b>		<b>Chair: Prof. Jawwad Darr &amp; Prof. Hongxian Han</b>	
10:15-10:45	<b>Catalytic Transformation of Biomass to Ethylene Glycol</b> Prof. Aiqin Wang, <i>Dalian Institute of Chemical Physics, CAS</i>		
10:45-11:15	<b>Synthesis and Characterisation of Carbon Nanostructures for H<sub>2</sub>/CO<sub>2</sub> Sorption</b> Dr. Congxiao Shang, <i>University of East Anglia</i>		
11:15-11:45	<b>Carbon for Catalysis</b> Prof. Xiulian Pan, <i>Dalian Institute of Chemical Physics, CAS</i>		
<b>Presentation from Nature Communications</b>			
11:45-12:15	<b>How to Get Published in Nature Communications (and its sister titles)</b> Dr. Congcong Huang, <i>Nature Communication, China</i>		
12:15-13:15	<b>Lunch</b>		
<b>Session Three: Nanomaterials for Catalysis</b>		<b>Chair: Dr. Junwang Tang &amp; Prof. Xiulian Pan</b>	
13:15-13:45	<b>Morphology-dependent Nanocatalysis: Rod-shaped Oxides</b> Prof. Wenjie Shen, <i>Dalian Institute of Chemical Physics, CAS</i>		
13:45-14:15	<b>Nanostructured Materials for Catalytic Applications</b> Prof. Gopinathan Sankar, <i>University College London</i>		
14:15-14:45	<b>“Oxide-on-metal” Inverse Catalysts for Low Temperature Oxidation Reactions: from Model Systems to Supported Nanocatalysts</b> Prof. Qiang Fu, <i>Dalian Institute of Chemical Physics, CAS</i>		
14:45-15:00	<b>Coffee Break</b>		
<b>Session Four: Energy Storage &amp; Computational Study</b>		<b>Chair: Prof. Gopinathan Sankar &amp; Prof. Qiang Fu</b>	
15:00-15:30	<b>Design and Synthesis of Nanostructures for Energy Storage and Carbon Capture</b> Prof. Zhengxiao Guo, <i>University College London</i>		
15:30-16:00	<b>Investigations on B-N Based Hydrogen Storage Materials</b> Prof. Zhitao Xiong, <i>Dalian Institute of Chemical Physics, CAS</i>		
16:00-16:30	<b>Exploring Catalyst Support Materials in Fuel Cell Application with DFT Modelling</b> Dr. Xin Xia, <i>Johnson Matthey Technology Center</i>		
16:30-17:00	<b>Kinetic Theory of Ostwald Ripening of Supported Metal Particles Under Reaction</b> Prof. Wei-Xue Li, <i>Dalian Institute of Chemical Physics, CAS</i>		