

## Programme Agenda for 27<sup>th</sup> November

Time	Session	Chair
08:30	Welcome and introduction	
<b>Morning Session</b>		
08:40	<b>Interfaces in electrochemical energy storage systems</b> Liwei Chen, <i>Shanghai Jiaotong University</i>	<b>Jintao Zhang</b>
09:15	<b>Advanced sodium-ion batteries</b> Yan Yu, <i>University of Science and Technology of China</i>	
09:40	<b>Fundamental understanding and regulation of solid electrolyte interphase for practical lithium metal batteries</b> Xueqiang Zhang, <i>Beijing Institute of Technology</i>	
09:55	<b>Atomic-scale structure and properties of dealloyed nanoporous metals</b> Pan Liu, <i>Shanghai Jiao Tong University</i>	
10:10	Photo & Coffee Break	
10:40	<b>Operando synchrotron radiation spectroscopy studies on electrocatalysis</b> Tao Yao, <i>University of Science and Technology of China</i>	<b>Yan Yu</b>
11:05	<b>In situ /operando characterizations of electrochemical interfaces in energy storage batteries</b> Rui Wen, <i>Institute of Chemistry, CAS</i>	
11:30	<b>Multi-dimensional study on electro-catalysis at electrode / polyelectrolyte interface</b> Li Xiao, <i>Wuhan University</i>	
11:45	<b>Royal Society of Chemistry – Supporting the chemical science community in China</b> Hongmei Peng, <i>Royal Society of Chemistry</i>	
12:00	Lunch	
<b>Afternoon Session</b>		
13:30	<b>Structures and kinetics of electrocatalytic interfaces from Ab initio MD simulations and surface-enhanced IR absorption spectroscopy</b> Shengli Chen, <i>Wuhan University</i>	<b>Liqiang Xu</b>
14:05	<b>In situ Raman characterization of electrochemical interfaces</b> Jianfeng Li, <i>Xiamen University</i>	
14:30	<b>In-situ synchrotron radiation characterization techniques and its applications in energy materials</b> Qinghua Liu, <i>University of Science and Technology of China</i>	
14:45	<b>Manipulation of nano-catalysts at the atomic level</b> Chen Chen, <i>Tsinghua University</i>	
15:10	<b>Single-entity analysis at confined electrochemical interface</b> Hui Ma, <i>Nanjing University</i>	
15:25	Coffee Break	
15:45	<b>CO<sub>2</sub> electrolysis over metal/perovskite interface</b> Guoxiong Wang, <i>Dalian Institute of Chemical Physics, CAS</i>	<b>Anliang Wang</b>
16:10	<b>Electrocatalytic valorization of biomass-derived organics</b> Yuqin Zou, <i>Hunan University</i>	
16:25	<b>Understanding electrocatalytic CO<sub>2</sub> and CO reduction at the molecular level</b> Bingjun Xu, <i>Peking University</i>	
16:50	<b>Regulation of electrocatalysts based on confinement-induced properties</b> Wei Ding, <i>Chongqing University</i>	
17:05	<b>The materials and devices of rechargeable aqueous zinc batteries</b> Zhiqiang Niu, <i>Nankai University</i>	
17:30	<b>Engineering structure, composition and interface to investigate the energy storage behaviors of carbon-based materials</b> Baojuan Xi, <i>Shandong University</i>	
17:45	Closing	