

Programme Agenda for 27th November

Time	Session	Chair
08:30	Welcome and introduction	
Morning Session		
08:40	Interfaces in electrochemical energy storage systems Liwei Chen, <i>Shanghai Jiaotong University</i>	Jintao Zhang
09:15	Advanced sodium-ion batteries Yan Yu, <i>University of Science and Technology of China</i>	
09:40	Fundamental understanding and regulation of solid electrolyte interphase for practical lithium metal batteries Xueqiang Zhang, <i>Beijing Institute of Technology</i>	
09:55	Atomic-scale structure and properties of dealloyed nanoporous metals Pan Liu, <i>Shanghai Jiao Tong University</i>	
10:10	Photo & Coffee Break	
10:40	Operando synchrotron radiation spectroscopy studies on electrocatalysis Tao Yao, <i>University of Science and Technology of China</i>	Yan Yu
11:05	In situ /operando characterizations of electrochemical interfaces in energy storage batteries Rui Wen, <i>Institute of Chemistry, CAS</i>	
11:30	Multi-dimensional study on electro-catalysis at electrode / polyelectrolyte interface Li Xiao, <i>Wuhan University</i>	
11:45	Royal Society of Chemistry – Supporting the chemical science community in China Hongmei Peng, <i>Royal Society of Chemistry</i>	
12:00	Lunch	
Afternoon Session		
13:30	Structures and kinetics of electrocatalytic interfaces from Ab initio MD simulations and surface-enhanced IR absorption spectroscopy Shengli Chen, <i>Wuhan University</i>	Liqiang Xu
14:05	In situ Raman characterization of electrochemical interfaces Jianfeng Li, <i>Xiamen University</i>	
14:30	In-situ synchrotron radiation characterization techniques and its applications in energy materials Qinghua Liu, <i>University of Science and Technology of China</i>	
14:45	Manipulation of nano-catalysts at the atomic level Chen Chen, <i>Tsinghua University</i>	
15:10	Single-entity analysis at confined electrochemical interface Hui Ma, <i>Nanjing University</i>	
15:25	Coffee Break	
15:45	CO₂ electrolysis over metal/perovskite interface Guoxiong Wang, <i>Dalian Institute of Chemical Physics, CAS</i>	Anliang Wang
16:10	Electrocatalytic valorization of biomass-derived organics Yuqin Zou, <i>Hunan University</i>	
16:25	Understanding electrocatalytic CO₂ and CO reduction at the molecular level Bingjun Xu, <i>Peking University</i>	
16:50	Regulation of electrocatalysts based on confinement-induced properties Wei Ding, <i>Chongqing University</i>	
17:05	The materials and devices of rechargeable aqueous zinc batteries Zhiqiang Niu, <i>Nankai University</i>	
17:30	Engineering structure, composition and interface to investigate the energy storage behaviors of carbon-based materials Baojuan Xi, <i>Shandong University</i>	
17:45	Closing	