

Chemical Science Symposium on Sustainable Energy and Catalysis

TJU-NUS Joint Institute in Fuzhou

23rd and 24th September 2023

Time	23 rd September
09:00	Welcome and Introductions <ul style="list-style-type: none"> Professor Jinlong Gong (Tianjin University) Paul Lewis (Chief Operating Officer, RSC) – recorded message Dr May Copsey (Chemical Science)
09:30	Zaiping Guo, Adelaide University <i>Electrode and electrolyte design for high-performance aqueous zinc-ion batteries</i>
10:10	Ning Yan, National University of Singapore <i>Hydrogen spillover facilitated catalytic conversion of C1 feedstock</i>
10:50	Coffee Break
11:20	Lifang Jiao, Nankai University (Virtual) <i>Urea-assisted energy-saving hydrogen production</i>
12:00	Haohong Duan, Tsinghua University <i>Electrocatalytic oxidation for value-added chemicals production coupling with hydrogen evolution</i>
12:40	Lunch
13:45	Junwu Zhu, Nanjing University of Science and Technology <i>Application of the interactions between material components in energy utilization</i>
14:25	Xiulian Pan, Dalian Institute of Chemical Physics, Chinese Academy of Sciences <i>Disentangling the activity-selectivity trade-off in syngas conversion</i>
15:05	Kazunari Domen, University of Tokyo (Virtual) <i>Photocatalytic water splitting for green hydrogen and fuels production</i>
15:45	Tea Break
16:05	Early-Career Researcher Flash Talks
16:30	Erwin Reisner, University of Cambridge (Virtual) <i>Solar technologies for sustainable chemical synthesis</i>
17:10	Close

Time	24 th September
09:00	Welcome
9:15	Xiaogang Liu, National University of Singapore <i>Lanthanide transducers for advanced imaging and assistive technology</i>
10:00	Shigang Sun, Xiamen University <i>PEMFC non-precious metal catalysts</i>
10:40	Coffee Break
11:10	Buxing Han, Institute of Chemistry, Chinese Academy of Sciences (Virtual) <i>Conversion of carbon dioxide and biomass into chemical and fuel</i>
11:50	Xiaowei Yang, Shanghai Jiao Tong University <i>Ion transport in sub-nano channel and application in energy storage</i>
12:30	Lunch
13:30	Hechen Ren, Tianjin University <i>Topological superconductivity in two-dimensional material systems</i>
14:10	Quan-Hong Yang, Tianjin University <i>Sieving carbons promise high capacity anodes for sodium batteries</i>
14:50	Publishing Session <ol style="list-style-type: none"> New developments with <i>Chemical Science</i> (May Copsey) What Editors are looking for, hints and tips for authors (May Copsey, Zaiping Guo, Andrei Yudin, Yitao Long) New peer-review models and open science (May Copsey) Q&A
16:00	Andrew Cooper, University of Liverpool (Virtual)
17:00	Close