

**University of Birmingham – Huazhong University of Science and Technology
joint online symposium on
Fundamental Chemical Science for Energy and Sustainability**

Tuesday 9th April 2024
09:00–11:45 (BST) // 16:00–18:45 (CST)

Symposium Programme

Session 1.		
Welcome and Introductory Remarks		
09:00-09:25 (BST) // 16:00-16:25 (CST)		
BST	CST	
09:00-09:05	16:00-16:05	Participants log into online environment
09:05-09:15	16:05-16:15	Professor Neil Champness (Head of School of Chemistry, UoB)
09:15-09:25	16:15-16:25	Professor Bien Tan (Dean of School of Chemistry and Chemical Engineering, HUST)

Symposium continues without break

Session 2.		
Research presentations – Porous frameworks and crystalline architectures		
09:25-10:25 (BST) // 16:25-17:25 (CST)		
09:25-09:45	16:25-16:45	Professor Giovanni Constantini (UoB) Molecular-Scale Visualisation of Defects, Chain Structure, Mass Distribution and Assembly of Conjugated Polymers
09:45-10:05	16:45-17:05	Professor Bien Tan (HUST) Advancements in the Synthesis of High-Crystallinity Covalent Triazine Frameworks: Low-Temperature Polycondensation Approach for Enhanced Photocatalytic Applications
10:05-10:25	17:05-17:25	Dr Deborah Crawford (UoB) Using TSE as a Route to Sustainable Manufacture

10:25-10:30 // 17:25-17:30 Short comfort break

Session 3.		
Research presentations – Energy, catalysis and CO₂ conversion		
10:30-11:45 (BST) // 17:30-18:45 (CST)		
10:30-10:50	17:30-17:50	Professor Jingyu Wang (HUST) Enhanced Adsorption for Photocatalytic Conversion of CO₂ at Low Concentration
10:50-11:10	17:50-18:10	Dr Andrew Jupp (UoB) Azophosphines: Synthesis and Coordination Chemistry
11:10-11:30	18:10-18:30	Professor Deli Wang (HUST) Electrocatalysis on Structure Ordered Intermetallics
11:30-11:45	18:30-18:45	<i>Closing remarks</i>

Symposium ends

This online symposium has been jointly organised by the
School of Chemistry, University of Birmingham, United Kingdom,
in partnership with the
School of Chemistry and Chemical Engineering, Huazhong University of Science and Technology, China.

Online symposium environment

This joint online symposium will be held on Zoom. Details of the Zoom meeting will be distributed *via* email. To ensure smooth running and success of the symposium, we request that you note the following requests:

- Please ensure that your microphone always remains muted unless you are speaking.
- Please have your camera turned on if possible.

- Time will be made after each presentation for short questions from the audience. Please use the 'Reactions' tab in the Zoom environment to 'Raise Hand' if you would like to ask a question to the presenter.

- For further discussions, we encourage you to directly contact the presenters by email for follow-up meetings after the symposium.

Abstracts and Presenter Information follows.