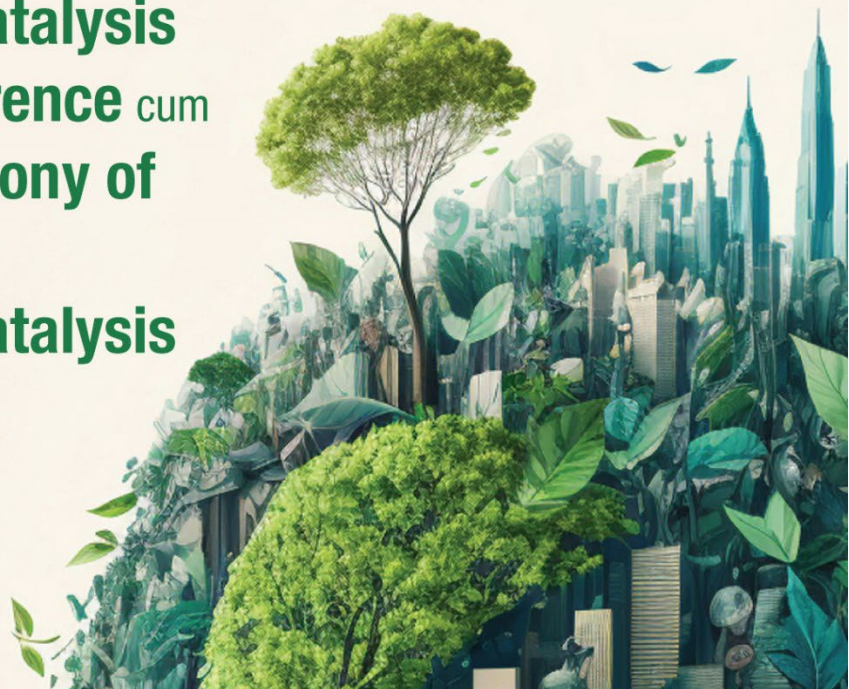


1st Carbon-Strategic Catalysis International Conference cum Inauguration Ceremony of Research Centre for Carbon-Strategic Catalysis



1st Carbon-Strategic Catalysis International Conference cum Inauguration Ceremony of Research Centre for Carbon-Strategic Catalysis

- Date:** 19-21 February 2023
Format: Hybrid (Voov meeting for online participation)
Venue: M1603, Li Ka Shing Tower, The Hong Kong Polytechnic University
Language: English

This international conference will focus on carbon-strategic catalysis and energy research. It aims to gather the most frontier scientists in related fields to share their advanced research and insightful opinions on carbon-strategic related research, which will promote interdisciplinary collaborations and innovations for the carbon neutrality goal.

Research Centre for Carbon-Strategic Catalysis (RC-CSC) was established in June 2022, being the first research centre that focuses on carbon-strategic energy research among Hong Kong universities. RC-CSC aims to carry out frontier research on catalysts and their advanced applications in energy systems under the framework of carbon strategy. This research centre will actively promote close collaboration with frontier scientists and make an important contribution to support the Hong Kong Government's target to achieve carbon neutrality before 2050.

Programme rundown

Time	Session
19 February 2023 (Sunday)	
14:00 – 14:05	Welcome remarks Prof Christopher CHAO Vice President (Research and Innovation), The Hong Kong Polytechnic University
14:05 – 14:10	Remarks
14:10 – 14:20	Introduction of Research Centre for Carbon-Strategic Catalysis Dr. Bolong HUANG Director, Research Centre for Carbon-Strategic Catalysis, The Hong Kong Polytechnic University
14:20 – 14:30	Inauguration Ceremony and Group Photos
14:30 – 15:15	Challenges and Opportunities in Energy Catalysis for Carbon Neutrality Prof. Xinhe BAO President, University of Science and Technology of China
15:15 – 15:30	Networking Break
15:30 – 16:15	Atomic Synthesis and Catalysis of Rare Earth Prof. Chun-Hua YAN President, Lanzhou University
16:15 – 17:00	Catalytic Water Splitting is the Key for a Carbon Neutral Society Prof. Licheng SUN Chair Professor of Chemistry Department, Westlake University
20 February 2023 (Monday)	
10:00 – 10:45	Catalytic Conversion of Earth-Abundant Biomass and Simple Molecules into Valuable Chemicals and Fuels Prof. Huijun ZHAO Chair Professor of Chemistry, Director of Centre for Catalysis and Clean Energy, Griffith University
10:45 – 11:30	Nanostructured Materials for Electrocatalytic Refinery Prof. Shizhang QIAO Professor and Chair of Nanotechnology, School of Chemical Engineering and Advanced Materials Director, Centre for Materials in Energy and Catalysis, University of Adelaide
11:30 – 11:45	Networking Break
11:45 – 12:30	Phase Engineering of Nanomaterials Prof. Hua ZHANG Herman Hu Chair Professor in Nanomaterials, Department of Chemistry, City University of Hong Kong
12:30 – 14:30	Lunch Break
14:30 – 15:15	Unravelling and Tailoring Sulfur Reduction Reaction for Lithium-Sulfur Batteries Prof. Xiangfeng DUAN

Time	Session
	Professor, Department of Chemistry and Biochemistry, University of California, Los Angeles
15:15 – 15:30	Networking Break
15:30 – 16:15	Towards Decarbonizing Energy Consumption Prof. Yu HUANG Professor/ Chair of Department of Materials Science and Engineering, University of California, Los Angeles
16:15 – 17:00	Development of High Performance and Durable Fuel Cell Electrocatalysts Prof. Minhua SHAO Chair Professor, Department of Chemical and Biological Engineering, The Hong Kong University of Science and Technology
21 February 2023 (Tuesday) – by invitation only	
09:30 – 10:30	RC-CSC Advisory Board Formation and 1 st Advisory Board Meeting
10:30 – 12:30	Lab Tour