



Centre for Hydrogen
Innovations

DISTINGUISHED SPEAKER SERIES

Atomically Precise Heterogeneous Catalysis via Single-Atom/ Cluster Catalysts By Professor Jun Li

Catalysis science is essential for chemical industries, biological transformation, atmospheric processes, environment, energy, and human health. In recent years, heterogeneous single-atom catalysts (SACs) and single-cluster catalysts (SCCs) have aroused significant interest in the catalysis community. In this talk, we will provide an overview and perspective of atomically precise heterogeneous catalysis (APCat) in energy relevant chemical transformations via SACs and SCCs.



Friday, 23 September 2022



3 to 4pm



Via Zoom:

<https://nus-sg.zoom.us/j/83970481177?pwd=UUgrYzVYVY1I5UzR1R21pTVoyN0hlUT09>

Meeting ID: 839 7048 1177
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Prof. Jun Li is the ChangJiang Chair Professor at the Department of Chemistry, Tsinghua University, China. He received a PhD in Chinese Academy of Sciences in 1992 and did postdoctoral research in Siegen University (Germany) and The Ohio State University (USA). He then worked in the Pacific Northwest National Laboratory (USA) for over ten years as a Senior Research Scientist and Chief Scientist. He later joined the Department of Chemistry, Tsinghua University, China. He is a theoretical and computational chemist working in the fields of relativistic quantum chemistry, theoretical heavy-element chemistry, computational catalysis, and cluster science with over 400 publications and > 40,000 citations.