

高亮度同步輻射光源於永續能源材料 之研究契機

The emergent opportunity for scientific research on
sustainable energy materials
by high brilliance synchrotron light sources

Date: January 24 (Wed.), 2024

Venue: 健雄館 S4-625 (6F), NCU

Session A (16:05 – 17:15)

Chair: Tzu-Hung Chuang (莊子弘), NSRRC

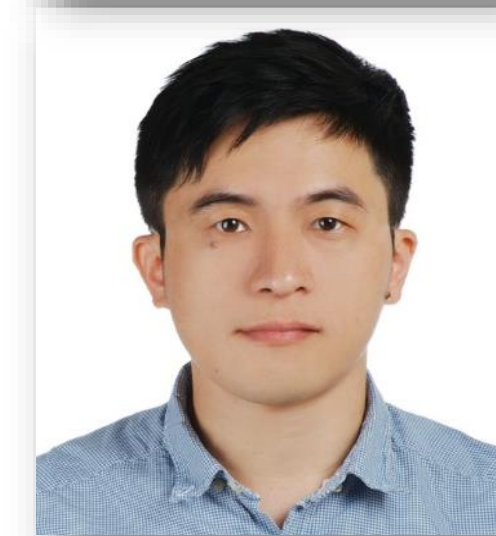
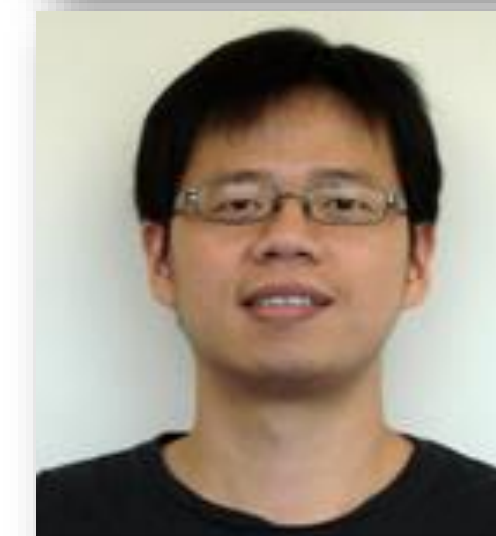
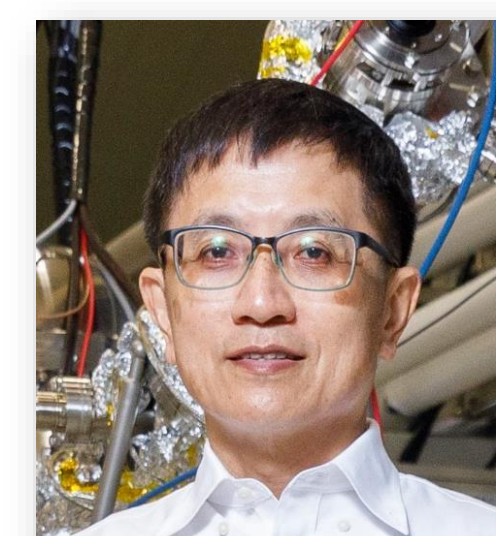
16:05 - 16:10 Opening Remarks
Der-Hsin Wei (魏德新), NSRRC

16:10 - 16:35 Spectroscopy at Electrified Interfaces: from Electrocatalysts to Battery Materials
Heng-Liang Wu (吳恆良), NTU

16:35 - 17:00 Operando Quick-Scanning X-ray Absorption Spectroscopy Study of High-Entropy Oxide Anodes for Lithium-Ion Batteries
Jeng-Kuei Chang (張仍奎), NYCU

17:00 - 17:15 Recent Progress and Its Application of STXM at TPS 27A
Hung-Wei Shiu (許紘瑋), NSRRC

17:15 - 17:25 Break (10 mins)



Session B (17:25 – 18:35)

Chair: Yan-Gu Lin (林彥谷), NSRRC

17:25 - 17:50 Oxygen Vacancy in Atomic Scaled Oxide Clusters Demonstrate an Exceptional Activity in Oxygen Reduction Reaction
Tsan-Yao Chen (陳燦耀), NTHU

17:50 - 18:05 In-situ/Operando Soft XAS from TLS to TPS
Lo-Yueh Chang (張羅嶽), NSRRC

18:05 - 18:30 The in-situ Observation for Electrochemical Energy Experiment by Operando X-ray Spectroscopy
Cheng-Hao Chuang (莊程豪), TKU

18:30 - 18:35 Closing Remarks

