

高亮度同步輻射光源於凝態科學之研究契機

The Emergent Opportunity for Scientific Research on Condensed Matter Sciences by High Brilliance Synchrotron Light Sources

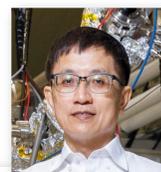
Date: January 13 (Tue.), 2026

Venue: AU-CR (大禮堂B1國際會議廳), NCCU (國立中正大學)

Session A (16:10 – 17:15)

Chair: Tzu-Hung Chuang (莊子弘), NSRRC

- 16:10 - 16:15 **Opening Remarks**
Der-Hsin Wei (魏德新), NSRRC
- [A1] 16:15 - 16:35 **Direct Integration and Deterministic Control of Freestanding Ferroic Oxides: From High- κ Membranes to Structural Variant Manipulation**
Jan-Chi Yang (楊展其), NCKU
- [A2] 16:35 - 16:55 **Ultra-High-Resolution Resonant Inelastic X-ray Scattering at TPS 41A: A New Window into Quantum Materials**
Hsiao-Yu Huang (黃筱妤), NSRRC
- [A3] 16:55 - 17:15 **Spin-Orbital Excitations Encoding the Magnetic Phase Transition in the van der Waals Antiferromagnet FePS₃**
Yi Tseng (曾奕), NYCU
- 17:15 - 17:25 **Break (10 mins)**



Session B (17:25 – 18:30)

Chair: Hung-Wei Shiu (許紘瑋), NSRRC

- [B1] 17:25 - 17:45 **Photon Engineering and Time-Resolved Photoemission Platforms at NSRRC: From Picoseconds to Femtoseconds**
Ping-Hui Lin (林秉慧), NTNU
- [B2] 17:45 - 18:05 **TPS 39A NanoARPES: High Resolution Photoemission from Micro to Nanoscale**
Pei-Yu Chuang (莊霽于), NSRRC
- [B3] 18:05 - 18:25 **Atomic-Scale Site Engineering Switches HER and CO₂RR on Cu/g-C₃N₄**
Wan-Ting Chen (陳琬婷), NSRRC
- 18:25 - 18:30 **Closing Remarks**

