

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

Time	Title / Speaker
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 FePS ₃ 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 CO ₂ RR on Cu/g-C ₃ N ₄ Wan-Ting Chen (陳琬婷), NSRRC
18:25 – 18:30	Closing Remarks