

**Workshop II : Taiwan-Australia Project: Innovation & Sustainability, SIKa's
Decade of Excellence**
Chair: Shih-Chun Chung (鍾世俊)

September 4 (Thursday)

Place: D260

08:30 Registration -@Activity Center (Entrance 5)

09:00 SIKa 十週年 -- ACNS and NSRRC Remote Celebration

Session Chair: Chun-Ming Wu (吳淩銘)

11:00 II1 **Australia & Taiwan Partnership in Neutron Scattering**
Jamie Schulz, Australian Centre for Neutron Scattering (ANSTO), Australia

11:30 II2 **SIKA - The Story**
Wen-Hsien Li (李文献), Soochow Univ. (東吳大學)

12:00 Lunch

Session Chair: Pai-Chun Wei (魏百駿)

13:00 II3 **Research into the Design of Fast-charging Battery Materials
• Consideration of the Diffusion Behavior of Electrodeposited Lithium
on Graphite Anodes Using SIKa**
Hideya Yoshitake (吉武秀哉), IB Lab (飯豐電池研究所), Japan

13:30 II4 **Neutron-Guided Defect Engineering for Enhanced Thermoelectric
Performance in Zn₄Sb₃ and Bi₂Te₃ Crystals**
Hsin-Jay Wu (吳欣潔), National Taiwan Univ. (國立臺灣大學)

14:00 II5 **Highly Resistive Phonon Transport in Halide Perovskites**
Pai-Chun Wei (魏百駿), National Cheng Kung Univ. (國立成功大學)

14:30 Coffee Break

Session Chair: Wei-Tin Chen (陳威廷)

15:00 II6 **Inelastic Neutron Scattering: A Useful Tool for the Study of Lattice
Dynamics**
Min-Nan Ou (歐敏男), Academia Sinica (中央研究院)

15:30 II7 **The Challenge of Inelastic Neutron Scattering in Thin Film**
Hsiung Chou (周雄), National Sun Yat-sen Univ. (國立中山大學)

16:00 II8 **Understanding Lithium Diffusion in Graphite Anodes of Li-Ion Batteries
via Neutron Scattering Techniques**
Chia-Chen Chang (張家欽), National University of Tainan (國立台南大學)

16:30 **Discussion & Closing Remarks**