

Workshop II : Neutron Diffraction and Reflectivity Workshop

Chairs: Shih-Chun Chung (鍾世俊) & Chin-Wei Wang (王進威) & Tzu-Yen Huang (黃子晏)

October 26 (Thursday)

Place: L100

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

09:00 **Workshop Opening Remarks**

Der-Hsin Wei (魏德新), NSRRC (國家同步輻射研究中心)

Session Chair: Chin-Wei Wang (王進威)

09:10 II1 **Crystal and Magnetic Structure Evolution in Mercury Containing Perovskites**

Wei-Tin Chen (陳威廷), National Taiwan Univ. (國立臺灣大學)

09:40 II2 **Neutron Probe to Understand the Magnetism and Magnetoelectric Origin of Novel Magnetic Systems**

Kakarla, D Chandrasekhar, National Sun Yat-sen Univ. (國立中山大學)

10:10 Coffee Break

Session Chair: Wei-Tin Chen (陳威廷)

10:40 II3 **Cation Disorder in Kesterites Thin-film Solar Cell Materials and Its Performance**

Cheng-Ying Chen (陳政營), National Taiwan Ocean Univ. (國立臺灣海洋大學)

11:10 II4 **Determination of Magnetic Structures of the Double-Perovskite Oxide YBaCuFeO₅**

Chao-Hung Du (杜昭宏), Tamkang Univ. (淡江大學)

11:40 Lunch

Session Chair: Tzu-Yen Huang (黃子晏)

13:30 II5 **Probing Block Copolymer Thin Films by Neutron Reflectivity**

Ya-Sen Sun (孫亞賢), National Cheng Kung Univ. (國立成功大學)

14:00 II6 **Boron Transport Enhancement with Different Capping Layers by Specific Annealing Temperatures Studied by X-ray and Polarized Neutron Reflectometer**

Chih-Hao Lee (李志浩), National Tsing Hua Univ. (國立清華大學)

14:30 Coffee Break

Session Chair: Chun-Ming Wu (吳浚銘)

15:00 II7 **Estimation of Neutron Reflectivity from Polymer Membranes through Molecular Dynamics Simulations**

Yan-Ling Yang (楊延齡), Tamkang Univ. (淡江大學)

15:30 II8 **Neutron Reflectometers and its Application in Organic Solar Cells**

Tzu-Yen Huang (黃子晏), NSRRC (國家同步輻射研究中心)

16:00 **Discussion & Closing Remarks**

16:30