

# Taiwan-Japan-Korea Joint Symposium For Ph.D. Students

DATE: JAN. 13TH, 2026 (TUE.) PLACE: AU-DR4

Time	Title	Speaker	Affiliation
16:00 ~ 16:05	Opening Remark	Chia-Ming KUO	Nat. Central Univ.
<u>Chair: Wen-Hao CHANG</u>			
16:05 ~ 16:20	Evolution of the electronic structure of Bi <sub>2</sub> Se <sub>3</sub> by hydrogen exposure	Yusei OHASHI	Univ. of Tokyo
16:20 ~ 16:35	Atomic Structure and Dielectric Properties of a Monolayer NaBr Film on Au(001)	Dongyeop YOO	UNIST
16:35 ~ 16:50	Investigation of Bonding States at the Borophane/Nickel Interface via Soft X-ray Absorption and Photoelectron Spectroscopies	Kazuki YAMAGUCHI	Univ. of Tokyo
16:50 ~ 17:05	Probing Interfacial Electronic Structure Evolution in Fe <sub>2</sub> TiO <sub>5</sub> /ZnO Core-Shell Nanodendrites by Soft X-ray Ptychography and X-ray Absorption Spectroscopy	Kuan-Hung CHEN	Tamkang Univ.
17:05 ~ 17:15	Coffee Break		
<u>Chair: Chun-Liang LIN</u>			
17:15 ~ 17:30	STM study on tuning the Fermi level of HfSe <sub>2</sub> and V-doped MoSe <sub>2</sub>	Nguyen-Hoang DANG	Univ. of Ulsan
17:30 ~ 17:45	Step conductivity of Pb monolayers formed on Si(111) studied by low temperature scanning tunneling potentiometry	Junya OKAZAKI	Univ. of Tokyo
17:45 ~ 18:00	Thermal Annealing Process, Water Storage, and Water Permeation Application of Graphene Oxide Membranes	Zong-Jhe HSIEH	Tamkang Univ.
18:00 ~ 18:15	Tunable plasmonic and intraband transitions of single Ag <sub>2</sub> Se quantum dots via photo-induced force microscopy	Mingu KANG	KRISS
18:15 ~ 18:30	Spin-polarized Fermi surface of thallium bilayer crystal formed on Ag(111)	Yuichiro TOICHI	Univ. of Osaka
18:30 ~ 18:40	Coffee Break		
<u>Chair: Karl-Heinz Ernst</u>			
18:40 ~ 18:55	Characterization of interfaces between contact metals and monolayer 2D semiconductor	Wei-Tung LIU	Nat. Yang Ming Chiao Tung Univ.
18:55 ~ 19:10	Overview of Capabilities, Experiments and Recent Advances at the SPring-8 Angstrom Compact Free Electron Laser (SACLA)	Kazuhiro MIYAZAWA	Univ. of Tokyo
19:10 ~ 19:25	Angle-Dependent Carrier Transport at the Bi/MoS <sub>2</sub> Interface: Correlation Between Experimental Observations and Theoretical Analysis	Han-Chieh LO	Nat. Taiwan Univ.
19:25 ~ 19:40	Magnetic Coupling in Metal-Organic Structures on a 2D Superconductor: A Comparison of FeDCA <sub>3</sub> and NiDCA <sub>3</sub> on NbSe <sub>2</sub>	Jaehyun LEE	IBS Center for QNS