

Day Time	11/14 (Monday)	
08:30~09:00	Registration	
09:00~09:20	Welcome Opening Speeches	
Session Chair : Shuji Hasegawa		
09:20~09:40	Alexander A. Saranin	Atomic Structure and Electronic Properties of the Si(111)- $\sqrt{3}\times\sqrt{3}$ -(Tl, A) (A=Group IV, V, VI) Compounds
09:40~10:00	Iwao Matsuda	Electronic Structures of the Novel Monatomic Layers Topology of the Famous Multilayers
10:00~10:20	Dimitrii. V. Gruznev	Long-range-ordered 2D Tl-Pb Compounds on Si(111) and Ge(111)
10:20~10:40	Satoru Ichinokura	Superconducting Properties of Tl Double Atomic Layer on Si(111)
10:40~11:10	Break	
Session Chair : Alexander A. Saranin		
11:10~11:30	Xi Chen	Superconductivity and Anomalous Enhancement Induced by Impurities in Two-dimensional Non-centrosymmetric Monolayer NbSe ₂
11:30~11:50	Nikita Denisov	MBE Grows of Superconducting β -PdBi ₂ Films
11:50~12:10	Tien-Ming Chuang	Superconducting Topological Surface States in Non-centrosymmetric Bulk Superconductor PbTaSe ₂
12:10~14:00	Lunch	
Session Chair : Chia-Seng Chang		
14:00~14:20	Yasuhiro Sugawara	Atomic-resolution Simultaneous Imaging of Topography, Surface Potential and Dipole Moment on TiO ₂ (110) Surface
14:20~14:40	Geunseop Lee	How the Phase Transition of Si(111)In-4x1 Proceeds and Is Affected by Various Impurities
14:40~15:00	Aleksei Mikhaliuk	Atomic Structure of Thallium Double Atomic Layer on Si(111)- $6\sqrt{3}\times 6\sqrt{3}$
15:00~15:30	Break	
Session Chair : Xi Chen		
15:30~15:50	Shangir Gwo	Metal–Oxide–Semiconductor Plasmonic Nanorod Lasers
15:50~16:10	Andrey V. Zotov	2D Adsorbate Compounds on Silicon: Experiment versus Theory
16:10~16:30	Kazushi MiKi	Monolayer-Digital Magnetic Alloy (DMA) Formed at the Interface of a-Ge/Mn chain/Si(001)
16:30~18:00	Poster Presentation	
18:00~	Buffet Dinner	

Day Time	11/15 (Tuesday)	
08:30~09:00	Registration	
Session Chair : Han Woong Yeom		
09:00~09:20	Minn-Tsong Lin	Scanning Tunneling Spectromicroscopy Study on Spintronic Emergent Materials
09:20~09:40	Sergei. V. Zaitsev-Zotov	Effect of Chemical Potential Shift on Energy Gap Detection by Scanning Tunneling Spectroscopy
09:40~10:00	Ya-Ping Chiu	Influence of Ferroelectric Polarization on Superconducting Behaviors at BiFeO ₃ /YBa ₂ Cu ₃ O _{7-δ} heterointerface
10:00~10:20	Wei-Bin Su	Sharpness-Induced Energy Shifts of Quantum Well States and Its Applications
10:20~10:40	Yanjun Li	The Investigation of Local Dipole Moment on TiO ₂ (110) Surface by Electrostatic Force Microscopy
10:40~11:10	Break	
Session Chair : Chin-Ming Wei		
11:10~11:30	Shu-Jung Tang	Control of the Dipole Layer of Polar Organic Molecules on Metal Surfaces
11:30~11:50	Sukmin Jeong	Adsorption Chemistry of Aromatic Molecules on Si(5 5 12)
11:50~12:10	Joung Real Ahn	Designed Three Dimensional Graphene Architecture
12:10~14:00	Lunch	
Session Chair : Yuh-Lin Wang		
14:00~14:20	Mei-Yin Chou	Interplay of Charge and Lattice Distortion in Few Layers of Transition Metal Dichalcogenides
14:20~14:40	Han Woong Yeom	Creating Heterointerfaces with Textured Electronic States on Correlated Transition Metal Dichalcogenides
14:40~15:00	Shiwei Wu	Folding, Stacking and Stitching of Transition Metal Dichalcogenide Monolayers
15:00~15:20	Feng Miao	Electronic Transport and Device Applications of 2D Materials
15:20~15:50	Break	
Session Chair : Andrey V. Zotov		
15:50~16:10	Se Jong Kahng	Reversible Manipulations and Detections of Spin-Trans-Effect through Kondo Resonance
16:10~16:30	S.V. Ereemeev	Rashba and Dirac States in BiTeX (X = Cl, Br, I) Compounds
16:30~16:50	Christopher J. Butler	Atomically Resolved Surface Characterization of the 3-D Dirac Semimetal Cd ₃ As ₂
16:50~17:10	Andrey V. Matetskiy	Dirac Surface States in the Heterostructures of Topological and Trivial Magnetic/Non-magnetic Insulators

17:20~18:00	Ride to the Restaurant
18:00~	Conference Banquet

Day Time	11/16 (Wednesday)	
08:30~09:00	Registration	
Session Chair : Ya-Ping Chiu		
09:00~09:20	Ying-Hao Chu	A Metal-Insulator Transition of the Buried MnO ₂ Monolayer in Complex Oxide Heterostructure
09:20~09:40	Deng-Sung Lin	Growth of Ge and Si on the Monolayer Silicene on Ag(111)
09:40~10:00	Ho Ki Lyeo	Thermoelectric Imaging of Structural Disorder in Epitaxial Graphene with Atomic Resolution
10:00~10:20	Woei-Wu Pai	Dual-Phase Single-Layer Germanene on Ag(111)
10:20~10:50	Break	
Session Chair : Yuh-Lin Wang		
10:50~11:10	Meng-Fan Luo	Dependence on Size of Supported Rh Nanoclusters in the Decomposition of Methanol
11:10~11:30	Chuanshan Tian	Unveiling Microscopic Structures of Charged Water Interfaces by Surface-Specific Vibrational Spectroscopy
11:30~11:40	Yuh-Lin Wang	Closing Remarks and Farewell
12:00~13:30	Lunch	
13:30 ~	Ride to Visit National Synchrotron Radiation Research Center (國家同步輻射研究中心) or National Palace Museum (國立故宮博物院)	