Poster Session 1: Monday

	Presenter	Institute	Abstract title
1	Lingfei Wang	University of Science and Technology of China	Interfacial Engineering on the Structural Symmetry and Ferroelectricity of $Hf_{0.5}Zr_{0.5}O_2$-based heterostructures
2	Jeonghun Suh	Korea Advanced Institute of Science and Technology	Inelastic ion-phonon interaction and multilevel ionic conduction in Ca-doped $BiFeO_3$
3	Yupeng Chen	The University of British Columbia	Microstructures of $BaTiO_3$ films grown on LSAT and $SrTiO_3$ by molecular beam epitaxy
4	Juhyeong Lee	Sejong University	Interfacial Engineering of TiO_2 to Stabilize the Ferroelectric Phase in Ultrathin $Hf_{0.5}Zr_{0.5}O_2$ Films
5	Wolfgang Stein	SURFACE systems+technology GmbH+Co KG	CO2 laser heating for advanced applications in PLD processes
6	Masaki Uchida	Institute of Science Tokyo	In-plane anomalous Hall effect in ferromagnetic oxide films
7	Yuki K. Wakabayashi	NTT Basic Research Laboratories	Single monolayer ferromagnetic perovskite $SrRuO_3$ with high conductivity and strong ferromagnetism
8	Yuki K. Wakabayashi	NTT Basic Research Laboratories	Orbital-resolved anisotropic electron pockets in electron-doped $SrTiO_3$ observed by ARPES
9	Roger Guzman	Institute of Materials Science of Barcelona	Probing Interfacial Phonon-Mediated Superconductivity in Oxide Heterostructures Near Quantum Criticality
10	Gervasi Herranz	Institute for Materials Science of Barcelona ICMAB-CSIC	Growth-controlled normal state anisotropic transport at two-dimensional $LaAlO_3/KTaO_3$ interfaces
11	Evan Krysko	Cornell University	Exploring the Electronic Structure and Magnetic Properties of Epitaxially Strained Cubic Perovskite $BaRuO_3$ Thin Films
12	Jin Young Oh	Sungkyunkwan University	Magnetization Enhancement in Ultrathin $ErFeO_3$ Epitaxial Films via Interfacial Octahedral Rotation
13	Min Jae Son	Kyungpook National University	Modulation of anomalous Hall effect in $SrRuO_3$ thin films via strain engineering
14	Rui Xu	University of Science and Technology of China	Spectral evidence of correlation-controlled metal-insulator transition in $Nd_{1-x}Sr_xNiO_3$ thin films
15	Laszlo Cline	Northwestern University	Pulsed Laser Deposition of Rare Earth Perovskite Nickelates for Metal Insulator Transition Spatial Resolution
16	Kyeong Tae Kang	Kyungpook National University	Real-time Investigation of Topotactic Phase Transition of Strontium Ferrite Thin Films
17	Yunzyne Kim	Kyungpook National University	Orientation-dependent surface chemistry and transition dynamics in $SrFeO_x$ films
18	David Pesquera	Catalan Institute of Nanoscience and Nanotechnology, ICN2	Curvature-induced polar structures in oxide membranes
19	Laurence Mechin	CNRS-GREYC	Anisotropic magnetoresistive sensors based on epitaxial $La_{0.7}Sr_{0.3}MnO_3$ thin films
20	Michael Sing	U Würzburg	Electronic structure of $SrNbO_3$ thin films using soft X-ray momentum microscopy
21	Takuto Soma	Institute of Science Tokyo	Epitaxially Stabilized van der Waals Oxide: 2H-NbO_2

22	Youngdo Kim	Yale University	Epitaxial strained induced Zircon-scheelite phase transformation in YVO_4 thin films
23	Kenta Itoh	Waseda University	Microwave varactor using Pt/$SrTiO_3$ Schottky junctions
24	Sota Fuji	Kyoto University	Controlling proton migration in oxide heterostructures by interfacial chemical potential mismatch
25	Sam Cantrell	Texas State University	Oxygen vacancy driven resistive switching in $SrTiO_3$/Si(001) heterostructures due to an electronic mechanism
26	Ryuichiro Arayama	Waseda University	Cu/SiO_2/Pt Atomic Switches Operable at Cryogenic Temperatures
27	Evangelos Agiannis	KU Leuven	Deposition and characterization of spinel IGZO thin films with increased indium contents
28	Hiroshi Naganuma	Nagoya University	Colossal Interfacial Response at Room Temperature in Super-Orbital-Splitting-Type Interfacial Multiferroics: A Theoretical and Experimental Study
29	Yoon Seok Oh	UNIST	Cubic Perovskite Oxides Beyond 4.19 Å

Poster Session 2: Tuesday

	Presenter	**Institute**	**Abstract title**
1	Ichiro Takakuwa	Tokyo University of Science	Impact of Growth Method on Structural and Electronic Properties of Nb:Bi_2WO_6 Thin Films for pn Junction Applications
2	Sangbin Lee	The University of Tokyo	Epitaxial thin films of spinel-type $MgFe_2O_4$ for photoelectrochemical water splitting by visible light
3	JInjoo Jung	Kyungpook National University	Synthesis and electrochemical evaluation of multilayer graphene-coated SiO_2 composites with enhanced capacitance and cycling stability
4	Juliette Cardoletti	Technische Universität Darmstadt	Oxide Piezoelectric Films on Flexible Glass
5	Ariando	National University of Singapore	Tuning phase-change and metal-insulator transitions in VO_2 for metasurfaces and memristors
6	Taekjib Choi	Sejong University	Controlling Oxygen Vacancies for Enhanced TER and Linear Synaptic weight in $Hf_{0.7}Zr_{0.7}O_2$/$La_{0.7}Sr_{0.7}MnO_3$ Heterostructure
7	Anshu Gupta	Denmark Technical University	Oxide interfaces, Neuromorphic architecture, Synapses, Spintronics, Spin to charge conversion
8	Minseong Kim	Kyungpook National University	Analog Switching of $SrCoO_x$ Memristors with Various Thicknesses and Substrate Orientations
9	Myeongyun Lee	Sejong University	Enhanced Energy Storage in Anti-Ferroelectric Capacitors Enabled by Atomic-scale Stacking of HfO_2–ZrO_2 Superlattices
10	Ao Wang	University of Science and Technology of China	Preparation of freestanding oxide films via $Sr_4Al_2O_7$ sacrificial layer and their quality assessment by lock-in thermography
11	Merit Spring	Julius-Maximilians-Universität Würzburg	Oxide membranes: a new platform for emergent quantum effects like charge transfer and Mott transitions
12	Bruce Davidson	UBC/QMI	Layering control during the growth of Ruddlesden-Popper phases
13	Antoine Devincenti	Northwestern University	Pathways for growth and stabilization of nickelate superconducting phase

14	Taisei Kano	Kyoto Institute of Technology	Low-Temperature Phase Transition of N-doped VO_2 Thin Films Grown on Synthetic Mica and Quartz Substrates
15	Aliya Kaplan	Northwestern University	Synthesis and Stability of $BaFeO_3$ via Pulsed Laser Deposition
16	Yerin So	Kyungpook National University	Influence of surface Sr segregation on the topotactic phase transition in $SrFeO_{3-x}$ thin films
17	Yuki K. Wakabayashi	NTT Basic Research Laboratories	Role of Ion Milling Angle in Determining Conducting and Insulating States on $SrTiO_3$ Surfaces
18	Miho Kitamura	National Institutes for Quantum Science and Technology (QST)	Current status of ARPES beamline BL06U at NanoTerasu
19	Janine Gückelhorn	Institut de Ciència de Materials de Barcelona (ICMAB-CSIC)	Electric Field-Driven Rashba Spin-Orbit Fields in Al/$Sr_{1-x}Ca_xTiO_3$ interfaces
20	Hiroto Horiuchi	The University of Tokyo	Enhanced Spin Berry Curvature by Oxygen Octahedral Rotation Enabling Thickness-Dependent Single-Layer Spin-Orbit Torque Magnetization Switching in Weyl Oxide $SrRuO_3$
21	Hiroshi Kumigashira	Tohoku University	Electronic Phase Transitions in VO_2/W:VO_2 $(110)_R$ Bilayers Studied by Soft-X-ray Photoemission Spectroscopy
22	Prosper Ngabonziza	Louisiana State University	Electronic Structure of Correlated Layered Ruthenates: Insights from ARPES and DFT
23	Chun Sum Brian Pang	University of British Columbia	Formation of Superconducting 2D Electron Gas at MgO/$KTaO_3$-(111) Interfaces
24	Kei S. Takahashi	Kanazawa University	Enhanced nonreciprocal conduction at a polar-magnetic interface of $GdTiO_3$/$EuTiO_3$
25	Sophia Sahoo	University Of Twente	Towards Room-Temperature Oxide Electronics: Sharp Metal to Insulator transition in $Nd_{0.7}Y_{0.3}NiO_3$ Thin Films
26	Yong-Jun Kwon	KAIST	Investigation of long-range in-plane polarization order in Bi_2WO_6 thin films
27	Byungmin Sohn	SungKyunKwan University (SKKU)	Engineering Quantum Phenomena and Electronic Structures on Oxide Interfaces
28	Zoe You	Cornell University	Driving epitaxially strained $BaFe_{12}O_{19}$ towards multiferroicity via phononic coupling
29	Nicolas Bonmassar	University of Stuttgart	About the Quantum Phenomena of Oxide Thin Films on Vicinal Substrates