

Poster Presentations

PA, May 10th

PA-1	Visualization of nonmagnetic impurity in heavy-fermion superconductor studied by STM	HAZE	Masahiro
PA-2	Emergent exotic superconductivity and magnetism in Kondo superlattices	KASAHARA	Yuichi
PA-3	Second order phase transition due to a disappearance of a topological protection in d-wave superconducting nanoisland	Nagai	Yuki
PA-4	Nematic to Chiral Transition in Superconducting Topological Insulator $\text{Cu}_x\text{Bi}_2\text{Se}_3$	UEMATSU	Hiroki
PA-5	Model building of spin-triplet superconductors with extrinsic defects	de Lisle	James
PA-6	Effect of Sr Deficiency on Superconductivity in $\text{Sr}_{3-x}\text{SnO}$	Oudah	Mohamed
PA-7	Interfacial Potential Barrier Dependence of Spin-Triplet Proximity Effect in $\text{Sr}_2\text{RuO}_4/\text{SrRuO}_3$ Junctions	KUNIEDA	Masanao
PA-8	Transport experiments of Sr_2RuO_4 micro rings for a detection of half-quantum fluxoid	YASUI	Yuuki
PA-9	Fermiology of possible topological superconductor derived from hole-doped topological insulator	Trang	Chi
PA-10	Measurements of unconventional Superconductivity in One-Atom-Layer $\text{Si}(111)-\sqrt{3}\times\sqrt{3}$ -(TI, Pb)	NAKAMURA	Tomonori
PA-11	Noncommutative Z_2 index of 3D topological insulators with disorder	Akagi	Yutaka
PA-12	Planar Hall Effect on the Surface of Topological Insulator	Taskin	Alexey
PA-13	Thin Film Growth of Ternary-Chalcogenide Topological Insulators	SEGAWA	Kouji
PA-14	Fermi-level Tuning of the Dirac Surface State in Sb-doped Bi_2Se_3 Thin Films	SATAKE	Yosuke
PA-15	MBE growth of topological crystalline insulator (Pb,Sn)Te thin films and observation of the surface state	KURODA	Shinji
PA-16	2D transport properties of topological crystalline insulator SnTe films on $\text{Si}(111)-\sqrt{3}\times\sqrt{3}$ -Bi	Nakanishi	Ryosuke
PA-17	Magnetic field imaging for topological materials	NOMURA	Shintaro
PA-18	Transport Properties of magnetic element doped-TI and Superconductor Junctions	YANO	RIKIZO
PA-19	Josephson effects as a probe of unconventional superconductivity	KASHIWAYA	Satoshi
PA-20	Electric and magnetic tunability of Andreev reflection and supercurrent via spin-orbit coupling in Zeeman-split superconductor	Hashimoto	Tatsuki
PA-21	Theory of surface Andreev bound states and tunneling spectroscopy in three-dimensional chiral superconductors	TAMURA	Shun
PA-22	Cooper-pair splitter realized in superconductor-InAs double nanowire junctions	Sato	Yosuke
PA-23	Single-wall carbon nanotube as topological insulator: Phase transition and bulk-edge correspondence	OKUYAMA	Rin
PA-24	Quantization of conductance minimum and index theorem	IKEGAYA	Satoshi
PA-25	Transport properties of the ribbon consisting of Haldane model	TATSUMI	Tomoko
PA-26	Impact of Ferroelectric Distortion upon Spin-Valley Coupling and Topological Phase in Transition-Metal Oxides	YAMAUCHI	Kunihiko
PA-27	Possibility of topological quantum field effect transistor of silicene, germanene and stanene nanoribbons	HATTORI	Ayami
PA-28	Engineering a Large-Gap 2D Topological Insulator in InAs/ $\text{In}_x\text{Ga}_{1-x}\text{Sb}$ Strained Quantum Wells	AKIHO	Takafumi

PA-29	Exploring edge transport in short-channel InAs/(In,Ga)Sb quantum spin Hall insulators	IRIE	Hiroshi
PA-30	A gate-defined anti-Hall bar for inner quantum Hall edge channels in an AlGaAs/GaAs heterostructure	Eguchi	Ryota
PA-31	Deformed chiral conformal field theory and the quantum Hall effect	Hutasoit	Jimmy
PA-32	Quantum Hall phase diagram of two-component Bose gases	Furukawa	Shunsuke
PA-33	Duality derivation of 2D quantum spin systems from the viewpoint of coupled-wire construction	Imamura	Yukihisa
PA-34	Interaction-Induced Crossover of Fermionic Symmetry-Protected Topological Phases in One Dimension	NAKAGAWA	Masaya
PA-35	Majorana zero modes without edges	KAWABATA	Kohei
PA-36	Braiding Dynamics and Non-Abelian Statistics of Majorana Fermions	MIYAZAKI	Shunsuke
PA-37	Coarsening dynamics of spin domains in a one-dimensional spin-1 spinor Bose gas	Fujimoto	Kazuya
PA-38	Collective modes of vortex lattices in two-component Bose-Einstein condensates	Yoshino	Takumi
PA-39	Coarsening Dynamics of a Binary Bose-Einstein Condensate	KAWAGUCHI	Yuki
PA-40	Two-dimensional Fermi gas in spin-dependent magnetic fields	ANZAI	Takaaki
PA-41	moved to PB-50		
PA-42	"Supersolidity" Assisted Crystallization of ^4He in Aerogels	NOMURA	Ryuji
PA-43	Effects of Perpendicular Magnetic Field on Topological Surface States in Superfluid $^3\text{He-B}$	AKIYAMA	Koki
PA-44	Low-energy effective field theory of superfluid $^3\text{He-B}$	FUJII	Keisuke
PA-45	Chiral Anomaly in Superfluid $^3\text{He-A}$ with Skyrmion Texture	ISHIHARA	Yusuke
PA-46	Casimir force for fermionic condensates: Attractive-Repulsive	YOSHII	Ryosuke
PA-47	Topological catalysis: continuous production of topological solitons assisted by topological defects	Higashikawa	Sho
PA-48	Supersymmetry in Quantum Rings of Interacting Majorana Modes	HUANG	Zhao
PA-49	SUSY breaking and NG fermions in Z_2 Nicolai model	SANNOMIYA	Noriaki

PB, May 11th

PB-1	Possible band and crystal structures of the superconducting antiperovskite oxide $\text{Sr}_{3-x}\text{SnO}$	IKEDA	Atsutoshi
PB-2	DC current controlled diamagnetism in the $\text{Ca}_3(\text{Ru}_{1-x}\text{Ti}_x)_2\text{O}_7$ system	SOW	Chanchal
PB-3	Mott semimetal state with strong diamagnetism in Ca_2RuO_4 induced by DC current	MAENO	Yoshiteru
PB-4	Sextuple-Q states in a Kondo lattice model with Rashba and Dresselhaus spin-orbit couplings	OKADA	Ken
PB-5	Laser-irradiated Kondo insulators: Controlling Kondo effect and topological properties	Takasan	Kazuaki
PB-6	Photoinduced Floquet Weyl semimetal phases	ZHANG	Xiao-Xiao
PB-7	Local Excitation of Photocurrent in Noncentrosymmetric Systems	Ishizuka	Hiro
PB-8	Photovoltaic Anomalous Hall effect in Line-node Semimetals	TAGUCHI	Katsuhisa
PB-9	Zeno Hall Effect	GONG	ZONGPING
PB-10	Z_N Berry Phase and Symmetry Protected Topological Phase in Spin Chain	KARIYADO	Toshikaze
PB-11	Quantum oscillations of conductivities induced by magnetic skyrmions on topological insulators	ARAKI	Yasufumi
PB-12	Nonlinear spin current generation in noncentrosymmetric spin-orbit coupled systems	HAMAMOTO	Keita
PB-13	Magnon Spin-Momentum Locking: Possible Realization in kagome lattice antiferromagnet	Okuma	Nobuyuki
PB-14	Magneto-optical Kerr effects and real-time imaging of magnetic domains in the non-collinear antiferromagnetic metal Mn_3Sn	Higo	Tomoya
PB-15	Deviation from semiclassical spin dynamics in frustrated quantum magnets with magnetic order	Kamiya	Yoshi
PB-16	Anomalous Thermal Hall Effect in Nodal Chiral Superconductors	YOSHIOKA	Nobuyuki
PB-17	Heat Transport as a Signature of Weyl Superconductor	KOBAYASHI	Takuro
PB-18	Unidirectional Majorana edge states in noncentrosymmetric nodal superconductors	Daido	Akito
PB-19	Current- and Voltage-induced Spin Torques in Weyl semimetal	KUREBAYASHI	Daichi
PB-20	Spin magnetic susceptibility of Dirac semimetals	OMINATO	Yuya
PB-21	Topological phases in multilayers of a normal insulator and a Weyl semimetal	YOKOMIZO	Kazuki
PB-22	Quantized Polarization and Surface Charge originating from the Topological Nodal Line	HIRAYAMA	Motoaki
PB-23	Symmetry enforced non-symmorphic nodal-line in spinless systems	Takahashi	Ryo
PB-24	General phase transition between spinless nodal-line semimetals and Weyl semimetals	OKUGAWA	Ryo
PB-25	Line-Node Dirac Semimetal CaAgX ($X=\text{P}, \text{As}$)	YAMAKAGE	Ai
PB-26	Crossing-line-node semimetals: general theory and application to rare-earth trihydrides	Kobayashi	Shingo
PB-27	Electronic states of topological line-node semimetal HfSiS studied by high-resolution ARPES	TAKANE	Daichi
PB-28	Topological semimetal realized in a specific honeycomb lattice	Nie	Simin
PB-29	Multi-band touching fermions beyond Weyl semimetals	Ezawa	Motohiko
PB-30	Topological Magnetism from Multiple Dirac Cones in Monolayer Transition Metal Trichalcogenides	SUGITA	Yusuke
PB-31	High-resolution ARPES study of trigonal tellurium	NAKAYAMA	Kosuke

PB-32	Electronic structure of Bi ultrathin film on 1T-TaS ₂ studied by high-resolution ARPES	Souma	Seigo
PB-33	Bi ultrathin films on high-T _c superconductor studied by ARPES	SHIMAMURA	Natsumi
PB-34	Electronic structure of monolayer 1T-NbSe ₂ studied by ARPES	NAKATA	Yuki
PB-35	Weak localization in strongly spin-orbit coupled systems	HAYASAKA	Hiroshi
PB-36	Theoretical study of magnetoresistance in Dirac electron systems	Owada	Mitsuaki
PB-37	Extremely large magnetoresistance in WTe ₂ grown by flux method	TSUMURA	Kohei
PB-38	Inter-subband Landau level couplings induced by in-plane magnetic fields in trilayer graphene	Masubuchi	Satoru
PB-39	Terahertz study in Sb ₂ Te ₃ and multi-layered phase change memory materials	Makino	Kotaro
PB-40	Generation and detection of edge magnetoplasmons in a quantum Hall system using a photoconductive switch	Lin	Chaojing
PB-41	Spatial evolution of a non-equilibrium energy distribution function in a quantum Hall edge channel	ITOH	Kosuke
PB-42	Thermal transport in the Kitaev model	NASU	Joji
PB-43	Effect of interaction between fractional charges on classical spin liquid on kagome lattice	MIZOGUCHI	Tomonari
PB-44	Ground-state phase diagram in the Kugel-Khomskii model with finite spin-orbit interactions	Koga	Akihisa
PB-45	Kitaev-Heisenberg Hamiltonian for a Spin-orbit Mott Insulator with High-spin d ⁷ Configuration	SANO	Ryoya
PB-46	Dual gauge field theory of quantum liquid crystals	Beekman	Aron
PB-47	Robustness of topological pumping in one-dimensional interacting fermions	TEZUKA	Masaki
PB-48	Edge state induced by two dimensional quantum walks	SEGAWA	Etsuo
PB-49	Quantum critical phenomena in parity-time symmetric systems	Ashida	Yuto
PB-50	A proposal for creating and probing quantum black holes with ultracold gases in optical lattices	DANSHITA	Ippei