

# ポスター講演

セッション A, セッション B はそれぞれ 2 2 日, 2 3 日にポスタープレビュー (1 分間) とポスター講演.

ポスター掲示は 3 日間継続.

## ポスターセッション A

PA-1	Search for Dark Matter Axions by using Josephson Junctions	山本 将裕
PA-2	Novel property of non-Hermitian superconductivity	山本 和樹
PA-3	Theory of antiferro quadrupole phase in $\text{CeB}_6$	田財 里奈
PA-4	Electromagnetic Interaction of Collective Modes in Topological Insulator	山崎 友裕
PA-5	Non-hermitian properties in non-centrosymmetric f-electron materials	道下 佳寛
PA-6	Effective model of ferromagnetic Weyl semimetal on stacked Kagome lattice	小沢 耀弘
PA-7	Fabrication and Transport Measurements of $\text{MoS}_2$ /s-wave Superconductor Junctions	津村 公平
PA-8	Proximity effect on the Magnetic 3D Topological insulator / Superconductor Junctions	矢野 力三
PA-9	Hydrodynamic Description of Nonlinear Optical Responses in Ultrapure Metals	兔子尾 理貴
PA-10	Diamagnetism and excitation in Bi-based topological insulators $\text{Bi}_{1-x}\text{Sb}_x$ and $\text{Bi}_2\text{Te}_3$	渡邊 幸裕
PA-11	Axisymmetric vortices in $^3\text{P}_2$ superfluid	正木 祐輔
PA-12	Transport properties of two dimensional quantum spin Hall insulators with magnetic impurities	辰己 智子
PA-13	Continuous Phase Transition without Gap Closing in a Non-Hermitian Toric-Code Model	松本 徳文
PA-14	Cross-correlated electron-magnon transport phenomena on the surface of magnetic topological insulators	今井 悠介
PA-15	Itinerant orbital magnetization in topological antiferromagnetic state	下澤 雅明
PA-16	Thin-film growth of Thallium-based ternary topological insulators	瀬川 耕司
PA-17	Topological classification via adiabatic pumping for nodal-line semimetals	羽部 哲朗

- PA-18 NMR in quantum Hall state of Dirac semimetal  $\text{EuMnBi}_2$  熊崎 将司
- PA-19 Dielectric Breakdown of Strongly Correlated Insulators  
in One-dimension:  
Universal Formula from non-Hermitian Sine-Gordon Theory 高三 和晃
- PA-20 Enhancement of ferromagnetic correlation and  
emergence of d+ip-wave at (1,1) edge of d-wave superconductor 松原 舜
- PA-21 Scaling Theory of Quantum Ratchet Effect  
in Low Temperature Limit 濱本 敬大
- PA-22 Theory of unconventional density wave in cuprates and iridates 川口 功起
- PA-23 Effect of randomness on the quantum spin liquid state  
of  $1\text{T-TaS}_2$  村山 陽奈子
- PA-24 Collective modes of vortex lattices  
in two-component Bose-Einstein condensates  
under synthetic gauge fields 吉野 匠
- PA-25 Electronic property of magnetically-doped topological insulator 津田 大貴
- PA-26 Quark-hadron continuity under rotation:  
vortex continuity or boojum? Chandrasekhar Chatterjee
- PA-27 Theory of the tunneling effect in  
one-dimensional Superconducting Quantum Anomalous Hall system 大橋 良伊
- PA-28 ボルボサイトにおける Dzyaloshinskii-Moriya 相互作用の効果：  
磁気秩序と熱ホール効果 古川 俊輔
- PA-29 Chirality polarizations and spectral bulk-boundary correspondence 大同 暁人
- PA-30 NMR studies on non-centrosymmetric superconductor  $\text{PbTaSe}_2$  俣野 和明
- PA-31 Mössbauer spectroscopy  
on the antiperovskite oxide superconductor  $\text{Sr}_{3-x}\text{SnO}$  鯉淵 駿
- PA-32  $\text{Sr}_2\text{RuO}_4$  Josephson device by a constriction 安井 勇氣
- PA-33 High-Resolution ARPES Study of  $\text{Bi}_2\text{Te}_3/\text{FeTe}$  大和田 健太
- PA-34 Universal thermalization dynamics and a non-thermal fixed point  
in a one-dimensional antiferromagnetic spinor Bose gas 藤本 和也
- PA-35 Magnetic topological insulator in heavy-fermion systems 木村 和博
- PA-36 Numerical study of topological spin textures  
in 3D spin-charge coupled systems 奥村 駿
- PA-37 High-Resolution ARPES Study of  $\text{Bi}(111)$  Thin Films  
on Topological Insulator  $\text{TlBiSe}_2$  渡邊 育子

- PA-38 Counter-flowing edge channels  
at an integer-fractional quantum Hall interface 橋坂 昌幸
- PA-39 Dynamical Response of Surface Andreev Bound States  
in Superfluid  $^3\text{He-B}$  森 涉

### ポスターセッション B

- PB-1 Synthesis and chemical substitution effect  
on a candidate nodal-line semimetal CaAgP 三枝 一茂
- PB-2 Substitution effects on one-dimensional tellurides  $\text{Ta}_4\text{SiTe}_4$  and  
 $\text{Nb}_4\text{SiTe}_4$  with high thermoelectric performance at low temperature 吉川 侑磨
- PB-3 Topological non-Hermitian gapless phases  
with parity-time and parity-particle-hole symmetries 奥川 亮
- PB-4 Thermal transport in the vortex lattice state of Kitaev Spin Liquid 藤本 大仁
- PB-5 Electronic States of Magnetic Topological Insulator  $(\text{Cr}_x\text{Sb}_{1-x})_2\text{Te}_3$   
Studied by High-Resolution ARPES 堀 健太郎
- PB-6 Topological-Insulator Heterostructure Based  
on  $\text{Bi}_2\text{Se}_3$  and  $\text{Bi}_2\text{Te}_3$  Studied by ARPES 佐藤 匠
- PB-7 Spectral Bulk-Boundary Correspondence  
for Chiral Symmetric Systems 田村 駿
- PB-8  $Z_2$  topological invariant in topological crystalline superconductors  
and magnetic response of Majorana Kramers pairs 山崎 勇樹
- PB-9 Dynamical chiral electromagnetic response in Weyl superconductors 松下 太樹
- PB-10 Enhanced Majorana gap and Magnetic-Field-Induced Fermi surface  
in Kitaev spin liquid with  $\Gamma'$  term 瀧川 大地
- PB-11 Super-current induced Edelstein effect 池田 侑平
- PB-12 Electron Correlation Effect in Organic Dirac Electron System  
under Magnetic Field 谷 雄大
- PB-13 Observation of Bulk Topological Fermionic excitations  
with Chern Number  $\pm 2$  in CoSi 高根 大地
- PB-14 Theory of odd-frequency pairing in Rashba nanowire junction 高木 大治郎
- PB-15 Microfabrication and properties of junctions with  $\text{Sr}_2\text{RuO}_4$   
and spin-singlet superconductors 三好 拓人
- PB-16 Tuning of LO phonon emission in a quantum Hall edge channel  
with a double gate 秋山 竣哉

- PB-17 Correlation-induced highly mobile electrons  
in Dirac semimetal of perovskite  $\text{CaIrO}_3$  藤岡 淳
- PB-18 Pressure effect on magnetic transport properties  
in strongly correlated Dirac semimetal  $\text{CaIrO}_3$  山田 林介
- PB-19 Topological classification of non-Hermitian insulators  
and superconductors 川畑 幸平
- PB-20 Topological Superconducting Proximity Effect  
in a Hybrid of Lead and Topological Insulator  $\text{TlBiSe}_2$  Xuan Chi Trang
- PB-21 Majorana braiding dynamics  
in two-dimensional topological superconductors 三野 巧
- PB-22 Topological classification of time-evolution operators  
in periodically driven systems 中川 大也
- PB-23 Charge equilibration in integer and fractional quantum Hall edge channels  
in a generalized Hall-bar device CHAOJING LIN
- PB-24 Anomalous Nonlocal Conductance  
as a Fingerprint of Chiral  $p$ -wave Superconductivity 池谷 聡
- PB-25 Transformation of hedgehog-lattice and emergent magnetic phenomena  
in  $\text{MnGe}$  single crystal 北折 暁
- PB-26 Formulation of Floquet prethermalization and Applications:  
Time crystals and Floquet engineering 水田 郁
- PB-27 Transitions between skyrmion- and hedgehog-lattice states  
in cubic chiral magnets  $\text{MnSi}_{1-x}\text{Ge}_x$  藤代 有絵子
- PB-28 Deformation of skyrmion crystal under a transverse magnetic field 中島 拓朗
- PB-29 Interorbital topological superconductivity  
in spin-orbit coupled superconductors  
with inversion symmetry breaking 深谷 優梨
- PB-30 Extension of symmetry indicators  
and application to superconductors 小野 清志郎
- PB-31 Spectral function of heavy fermion systems:  
non-Hermitian topology meets DMFT 永井 佑紀
- PB-32 Classification of nodal superconducting gap  
by symmetry and topology 柳瀬 陽一
- PB-33 Classification of topological crystalline superconducting nodes  
on high-symmetry line 角田 峻太郎

- PB-34 Detecting Weyl superconductivity in UCoGe via a shift  
in spin polarisation,  
induced by the torsional chiral magnetic effect James de Lisle
- PB-35 Topological rectification effect  
in a magnetic insulator|superconducting vortex system 塩見 雄毅
- PB-36 Large anomalous Hall effect in topological insulators  
with proximitized ferromagnetic insulators 茂木 将孝
- PB-37 Anomaly-related magnetoresistance in solids with Weyl nodes 石塚 大晃
- PB-38 Strain-induced nonlinear spin Hall effect  
in topological Dirac semimetal 荒木 康史
- PB-39 Phase diagram of neutron P-wave superfluidity  
in strong magnetic field 安井 繁宏
- PB-40 Symmetry constraints on a winding number  
in topological phase of Bose-Einstein condensate 大橋 輝道