

【Poster Presentation】

No.	Name	Affiliation / Institution	Title of poster presentation
P-1	Lixuan Tai	RIKEN, CEMS	Giant Hall Switching by Surface-State-Mediated Spin-Orbit Torque in a Hard Ferromagnetic Topological Insulator
P-2	XUGUANG ZHOU	U-Tokyo ISSP	Emergent quantum disordered phase in Na ₂ Co ₂ TeO ₆ under intermediate magnetic field along c axis
P-3	Shibghatullah Muhammady	U-Tokyo ISSP	Oxygen adsorption on Pt(111) and anatase TiO ₂ (101) from van der Waals density functionals: First-principles and temperature-programmed desorption simulations
P-4	Max Hirschberger	U-Tokyo ISSP	Noncollinear magnetic orders in van-der-Waals metals RTe ₃
P-5	Naeimeh Bahri-Laleh	RIKEN, CEMS	Backbone catenated stimuli-responsive aerogels
P-6	Rinsuke Yamada	U-Tokyo ISSP	Analysis of thermoelectric Nernst effect by a semiclassical two-carrier model
P-7	Yuuki Sugiyama	U-Tokyo ISSP	Anomaly-Inflow in Quantum Hall System with an expanding edge: Application to Hawking radiation
P-8	Kirill Bulgarevich	RIKEN CEMS	Difference in Charge Transport of Diphenyl-DNTT isomers: Dynamic Disorder Simulations and Single-Crystal OFETs
P-9	Feng-Feng Song	U-Tokyo ISSP	Emergent Intermediate Phase in the 2D J1-J2 XY Model from Tensor Network Approaches
P-10	Barun Dhara	RIKEN CEMS	Elucidation of crystal and electronic structures: neutral vs. radical cationic salts of MT-Pyrene
P-11	Taishi Noma	RIKEN CEMS	Evaluation of Circular Photogalvanic Effect in Chiral-Polar Perovskites
P-12	Hyeonwoo Jung	RIKEN CEMS	Exceptional Long-Term Thermal Stability of 1D/2A Terpolymer-Based Polymer Solar Cells Processed with Non-Halogenated Solvents
P-13	Zhuo Yang	U-Tokyo ISSP	Variety of optical measurements at ultra-high magnetic field in IMGSL, ISSP
P-14	Zhi-Yao NING	U-Tokyo ISSP	Quantum phase transitions and composite excitations of antiferromagnetic quantum spin trimer chains in a magnetic field
P-15	Yuki Sato	RIKEN CEMS	Extended nematic quantum criticality in an iron-based superconductor
P-16	Markus Kriener	RIKEN CEMS	Tuning the Thermoelectric Figure of Merit in the Dirac Semimetal Cd ₃ As ₂ by controlling the Band Structure and the Band Filling
P-17	Hiroyuki Mitamura	U-Tokyo ISSP	Measurement of nonreciprocal conductivity of tellurium in pulsed high magnetic fields.
P-18	Daisuke Nakamura	RIKEN CEMS	Nonreciprocal transport in room-temperature chiral magnets
P-19	Ilya Belopolski	RIKEN CEMS	Synthesis of a tailored semimetallic Weyl ferromagnet
P-20	Masahiro Naritsuka	RIKEN CEMS	Twisted superconducting state in NbSe ₂ monolayer on graphene
P-21	Takaho Yokoyama	RIKEN CEMS	Fluoroalkylated Non-fullerene Acceptor as Surface Segregated Monolayer for Controlling Molecular Orientation of Acceptor Layer in Organic Photovoltaics
P-22	Ming-Chun Jiang	RIKEN CEMS	Quantum Geometry in Second Harmonic Generation
P-23	Hiroaki Fujikawa	U-Tokyo ISSP	Synthesis and magneto-reflectivity measurement on halide perovskite-type ferroelectric semiconductor CsGeI ₃
P-24	Ryo Suzuki	RIKEN CEMS	Control of Vertical Component Distribution in Organic Solar Cells by Photocrosslinking Reaction
P-25	Michael D Fraser	RIKEN CEMS	Non-reciprocal Bandstructures for Exciton-Polaritons Condensates in Floquet Optical Lattices
P-26	Jin Matsuda	U-Tokyo ISSP	First-principles study of spin-orbit coupling-free responses in exotic collinear antiferromagnet
P-27	Keisuke Kitayama	RIKEN CEMS	Nonperturbative effects in second harmonic generation
P-28	Kiyohiro Adachi	RIKEN CEMS	Application and Prospect of MicroED: Structure Analysis of Nanocrystals by Electron Diffraction
P-29	Yoshihiko Okamoto	U-Tokyo ISSP	Superconductivity in Hexagonal A ₆ MX ₂ with 3d, 4d, and 5d Transition Metals
P-30	Taro Nakajima	U-Tokyo ISSP	Crystal and magnetic structure studies at the polarized neutron triple-axis spectrometer PONTA in JRR-3
P-31	Shunta Aoki	U-Tokyo ISSP	Modulation of the second harmonic generation in van der Waals antiferromagnet CuCrP ₂ S ₆