

Poster Session

- PP-01 **Toru Adachi** Substitution Effect of Ba / Sr, Sr / Ca in $A\text{Fe}_2(\text{As}_{1-y}\text{P}_y)_2$
($A=\text{Ba}, \text{Sr}, \text{Ca}$)
- PP-02 **Yasuhiro Nakatani** Direct Observation of Heavy Fermionic Nature in
 CeNi_2Ge_2 Investigated by Angle-Resolved
Photoemission Spectroscopy
- PP-03 **Daisuke Ogura** Two-Particle Self-Consistent method for
superconductivity in the two-dimensional Hubbard
model
- PP-04 **Hiroki Ueda** Effect of Compressive Stress on Chirality in Crystal
Structure of $\text{Ca}_2\text{Sr}(\text{C}_2\text{H}_5\text{CO}_2)_6$
- PP-05 **Kohei Yamagami** Linear Dichroism in the Angle-integrated
Valence-band photoemission for a High- T_c
Superconducting Cuprates
- PP-06 **Motoki Asano** Demonstration of Entanglement Distillation with
Photonic Metamaterials
- PP-07 **Tokuro Hata** Avalanche electron bunching in a Corbino disk in the
quantum Hall effect breakdown
- PP-08 **Kan Hayashi** Magnetic sensing with nitrogen-vacancy centers in
diamond
- PP-09 **Yusuke Nagasaki** Realization of Metallic Nano-Bridges for 3D Plasmon
Guiding
- PP-10 **Shota Norimoto** Transport measurement on a single Aharonov-Bohm
ring in the presence of an inhomogeneous magnetic
field

PP-11	Yuki Takeuchi	Observation of Slow and Fast Light in a Bottle Microresonator
PP-12	Teruo Hirakawa	First Principles Simulation for Oxidative Addition Reactions of Suzuki-Miyaura Cross Coupling in Aqueous Solution with Fully Atomic Solvent Model
PP-13	Takashi Hirano	Development of Autocorrelator for Hard X-ray Free-electron Laser
PP-14	Naruaki Imaoka	The Development of the Low-Resistance MCP Detector for TOFMS
PP-15	Shigeru Iwase	Fast Calculation Method for Surface Green's Function for First-principles Transport Calculation
PP-16	Takeshi Kamiya	Nonlocal Magnetoresistance in Lateral Spin Valves Based on α -(BEDT-TTF) ₂ I ₃
PP-17	Junichi Takatsu	Effects of oxygen codoping on Eu luminescence properties in Eu-doped GaN
PP-18	Junya Yamanishi	Atomic Resolution Optical Imaging of the α -Al ₂ O ₃ (0001) Surface by Measuring Photon Induced Force
PP-19	Wanxin Zhu	Formation of Efficient Eu Luminescent Centers in Eu-doped GaN by Low-temperature Organometallic Vapor Phase Epitaxy
PP-20	Varun Arora	Pressure dependency of competing magnetic interactions in intermetallic CeFe ₂
PP-21	Mitsuo Ikeda	Magnetic and Electrical Properties in a Phthalocyanine-Molecular Mixed Crystal Exhibiting Giant Magnetoresistance

PP-22	Fahdzi Muttaqien	Dissociative Adsorption of CO ₂ on Copper Surfaces
PP-23	Akira Okutani	High-Field Multi-Frequency ESR in the Quasi-1D S=1/2 Ising-like Antiferromagnet BaCO ₂ V ₂ O ₈ in a Transverse Field
PP-24	Katsuhiko Suzuki	Enhanced superconductivity due to Prioritized diagonal motions in Iron-based superconductors
PP-25	Akira Takemori	Band Structure Change with P/As Substitution in NdFe(P, As)(O, F)
PP-26	Takehiro Tanaka	Leak Current Contribution in Epitaxial Fe/MgO/Fe Magnetic Tunneling Junctions Determined by Shot Noise Measurement
PP-27	Shuhei Torigoe	Nb Tetrahedral Displacement in Pyrochlore Niobates
PP-28	Seigo Tsuchihashi	Crystal Growth and Thermoelectric Properties in SnSe
PP-29	Yoshiaki Tsujimoto	Observation of a high visibility Hong-Ou-Mandel interference via time-resolved coincidence measurement
PP-30	Daichi Yoshizawa	High-Field Multi-Frequency ESR in the Rare-Earth Spinel Compound CdYb ₂ S ₄

PC-01	Dai Hata	Cross-coupling of Aryl Diazonium Salts with Arenes Induced by Polyaniline
PC-02	Takuya Kodama	Construction of Two Dimensional Honeycomb Molecular Assembly
PC-03	Tetsuya Miyano	Hierarchical Construction of Flexible and Fluorescent Porous Organic Salts (POs)
PC-04	Keisuke Mizote	Modulation of Immune Responses via TLR4/MD-2 with Synthetic Isoprenoids
PC-05	Takaya Nagata	Straightforward Synthesis of 1,2-Dicyanoalkanes from Nitroalkenes and Silyl Cyanide Activated by TBAF
PC-06	Shino Tanaka	Regioselective Borylative Ring Opening of 2-Arylaziridines Catalyzed by Pd/Phosphine System
PC-07	Mitsuru Teraoka	Construction of New a Hydrogen Atom Sandwich Structure Toward the realization of Proton-Electron Mediator
PC-08	Tsukasa Abe	Geometric Control of Nuclearity in Copper-oxygen Complexes
PC-09	Kosuke Igawa	Coordination Behavior of Digold(I) Metaloligand Possessing Thiomalic Acid and Diphosphine Toward Ni(II) Ion
PC-10	Yusuke Isaka	Photocatalytic H ₂ O ₂ Production from Water and Dioxygen by Employing NiFe ₂ O ₄ Nanoparticle Catalysts

PC-11	Masahiro Kouno	Various coordination modes of 3-aminopropanethiolate to a square-planer Pd ^{II} center
PC-12	Toshifumi Morioka	Nickel-Catalyzed Reductive Cleavage of Anisole Derivatives in the Absence of External Reductant
PC-13	Kazuki Nakatsuka	Hydrophobic Modification of Pd/SiO ₂ @Ti-containing Mesoporous Silicas by Triethoxyfluorosilane: Enhanced Catalytic Activity and Selectivity for One-Pot Oxidation
PC-14	Yudai Shigekawa	Development of a Collection Apparatus for Recoil Products for Study of the Deexcitation Process of ^{235m} U
PC-15	Yuta Tanaka	Catalytic Activity of Fuel Cell Prepared by Pyrolysis of Iron(salen) Complexes
PC-16	Masaaki Yamamoto	Development of Core-shell Au@CeO ₂ Nanoparticle Catalyst for Chemoselective Deoxygenation of Epoxides with H ₂
PC-17	Takuya Iishiba	Development of Calorimetry for Organic Conductors
PC-18	Shusaku Imajo	Thermodynamic Study of β''-(ET) ₄ [(H ₃ O)Ga(C ₂ O ₄) ₃]PhNO ₂ - a Possibility of Charge-Fluctuation-Mediated Superconductivity -
PC-19	Yuki Mitsuta	Nearsightedness of Electronic Matter in Finite Models
PC-20	Takanori Morikawa	Measuring Thermopower of Atomic and Molecular Junctions Using Microheater-Embedded Mechanically Controllable Break Junctions

PC-21	Naoto Oba	Analysis of Flow-Induced Structure in CTAB/NaSal Aqueous Solution Using Polarization Imaging
PC-22	Yuki Okada	Precision Analysis of Perfect Zero-Birefringence Polymer
PC-23	Shota Takamuku	Theoretical Study on the Relationship between the Diradical Characters and the Third-order Nonlinear Optical Properties of One-dimensional Heteronuclear Transition-metal Clusters
PC-24	Shun Tasaka	Thermal and Rheological Properties of Hydrogen-bonding Polymer
PC-25	Yusuke Yoneda	Ultrafast Energy Transfer in LH2 Complex Conjugated with Artificial Dyes
PC-26	Gen Hayase	Marshmallow-like Gels: Flexible silicone macroporous monoliths with surface functionalities
PC-27	Takafumi Higuchi	Hydrogenation of Amides Catalyzed by Ruthenium Complex with Zinc Salt
PC-28	Soichi Ito	Singlet Fission Induced by Rapid Molecular Vibrations in Tetracene Dimer
PC-29	Fumihiko Iwasaki	Design of Liposome Membrane as a Platform for Recognition of Hydrophobic Molecules and Their Conversion
PC-30	Hiroyuki Kurahashi	Theoretical studies of <i>f</i> - <i>p</i> magnetic interaction in TbPc ₂ complex
PC-31	Takeshi Suzuki	Synthesis and Properties of Overcrowded Quinone Which Can Form Multiple Structures
PC-32	Kohei Tada	DFT calculations for gold aggregation on TiO ₂ surface caused by residual chlorine

PC-33 **Taku Takebayashi**

Theoretical study of single-molecule conductivity of polyacenes; Effects on open-shell electronic structure