

# Poster Session

PP-01	<b>Toru Adachi</b>	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	<b>Yasuhiro Nakatani</b>	Direct Observation of Heavy Fermionic Nature in $\text{CeNi}_2\text{Ge}_2$ Investigated by Angle-Resolved Photoemission Spectroscopy
PP-03	<b>Daisuke Ogura</b>	Two-Particle Self-Consistent method for superconductivity in the two-dimensional Hubbard model
PP-04	<b>Hiroki Ueda</b>	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	<b>Kohei Yamagami</b>	Linear Dichroism in the Angle-integrated Valence-band photoemission for a High- $T_c$ Superconducting Cuprates
PP-06	<b>Motoki Asano</b>	Demonstration of Entanglement Distillation with Photonic Metamaterials
PP-07	<b>Tokuro Hata</b>	Avalanche electron bunching in a Corbino disk in the quantum Hall effect breakdown
PP-08	<b>Kan Hayashi</b>	Magnetic sensing with nitrogen-vacancy centers in diamond
PP-09	<b>Yusuke Nagasaki</b>	Realization of Metallic Nano-Bridges for 3D Plasmon Guiding
PP-10	<b>Shota Norimoto</b>	Transport measurement on a single Aharonov-Bohm ring in the presence of an inhomogeneous magnetic field

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

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

PC-01	<b>Dai Hata</b>	Cross-coupling of Aryl Diazonium Salts with Arenes Induced by Polyaniline
PC-02	<b>Takuya Kodama</b>	Construction of Two Dimensional Honeycomb Molecular Assembly
PC-03	<b>Tetsuya Miyano</b>	Hierarchical Construction of Flexible and Fluorescent Porous Organic Salts (POs)
PC-04	<b>Keisuke Mizote</b>	Modulation of Immune Responses via TLR4/MD-2 with Synthetic Isoprenoids
PC-05	<b>Takaya Nagata</b>	Straightforward Synthesis of 1,2-Dicyanoalkanes from Nitroalkenes and Silyl Cyanide Activated by TBAF
PC-06	<b>Shino Tanaka</b>	Regioselective Borylative Ring Opening of 2-Arylaziridines Catalyzed by Pd/Phosphine System
PC-07	<b>Mitsuru Teraoka</b>	Construction of New a Hydrogen Atom Sandwich Structure Toward the realization of Proton-Electron Mediator
PC-08	<b>Tsukasa Abe</b>	Geometric Control of Nuclearity in Copper-oxygen Complexes
PC-09	<b>Kosuke Igawa</b>	Coordination Behavior of Digold(I) Metaloligand Possessing Thiomalic Acid and Diphosphine Toward Ni(II) Ion
PC-10	<b>Yusuke Isaka</b>	Photocatalytic H <sub>2</sub> O <sub>2</sub> Production from Water and Dioxygen by Employing NiFe <sub>2</sub> O <sub>4</sub> Nanoparticle Catalysts
PC-11	<b>Masahiro Kouno</b>	Various coordination modes of 3-aminopropanethiolate to a square-planer Pd <sup>II</sup> center

PC-12	<b>Toshifumi Morioka</b>	Nickel-Catalyzed Reductive Cleavage of Anisole Derivatives in the Absence of External Reductant
PC-13	<b>Kazuki Nakatsuka</b>	Hydrophobic Modification of Pd/SiO <sub>2</sub> @Ti-containing Mesoporous Silicas by Triethoxyfluorosilane: Enhanced Catalytic Activity and Selectivity for One-Pot Oxidation
PC-14	<b>Yudai Shigekawa</b>	Development of a Collection Apparatus for Recoil Products for Study of the Deexcitation Process of <sup>235m</sup> U
PC-15	<b>Yuta Tanaka</b>	Catalytic Activity of Fuel Cell Prepared by Pyrolysis of Iron(salen) Complexes
PC-16	<b>Masaaki Yamamoto</b>	Development of Core-shell Au@CeO <sub>2</sub> Nanoparticle Catalyst for Chemoselective Deoxygenation of Epoxides with H <sub>2</sub>
PC-17	<b>Takuya Iishiba</b>	Development of Calorimetry for Organic Conductors
PC-18	<b>Shusaku Imajo</b>	Thermodynamic Study of β''-(ET) <sub>4</sub> [(H <sub>3</sub> O)Ga(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ]PhNO <sub>2</sub> - a Possibility of Charge-Fluctuation-Mediated Superconductivity -
PC-19	<b>Yuki Mitsuta</b>	Nearsightedness of Electronic Matter in Finite Models
PC-20	<b>Takanori Morikawa</b>	Measuring Thermopower of Atomic and Molecular Junctions Using Microheater-Embedded Mechanically Controllable Break Junctions
PC-21	<b>Naoto Oba</b>	Analysis of Flow-Induced Structure in CTAB/NaSal Aqueous Solution Using Polarization Imaging
PC-22	<b>Yuki Okada</b>	Precision Analysis of Perfect Zero-Birefringence Polymer

PC-23	<b>Shota Takamuku</b>	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	<b>Shun Tasaka</b>	Thermal and Rheological Properties of Hydrogen-bonding Polymer
PC-25	<b>Yusuke Yoneda</b>	Ultrafast Energy Transfer in LH2 Complex Conjugated with Artificial Dyes
PC-26	<b>Gen Hayase</b>	Marshmallow-like Gels: Flexible silicone macroporous monoliths with surface functionalities
PC-27	<b>Takafumi Higuchi</b>	Hydrogenation of Amides Catalyzed by Ruthenium Complex with Zinc Salt
PC-28	<b>Soichi Ito</b>	Singlet Fission Induced by Rapid Molecular Vibrations in Tetracene Dimer
PC-29	<b>Fumihiko Iwasaki</b>	Design of Liposome Membrane as a Platform for Recognition of Hydrophobic Molecules and Their Conversion
PC-30	<b>Hiroyuki Kurahashi</b>	Theoretical studies of $f$ - $\pi$ magnetic interaction in TbPc <sub>2</sub> complex
PC-31	<b>Takeshi Suzuki</b>	Synthesis and Properties of Overcrowded Quinone Which Can Form Multiple Structures
PC-32	<b>Kohei Tada</b>	DFT calculations for gold aggregation on TiO <sub>2</sub> surface caused by residual chlorine
PC-33	<b>Taku Takebayashi</b>	Theoretical study of single-molecule conductivity of polyacenes; Effects on open-shell electronic structure