

# The order of flash poster session

Thursday, 6 March, 2025 14:00 - 14:30

The flash talk is about 1~2 min/person.

P01S	Angle-resolved photoemission spectroscopy of Dirac nodal-line superconductor ZrSi <sub>1-x</sub> P <sub>x</sub> Se K. Ideura(Hiroshima University)
P02S	Electronic states in superconducting type-II Dirac semimetal: 1T-PdSeTe Y. Kumar(Hiroshima University)
P04S	ARPES study of Fe <sub>x</sub> TiS <sub>2</sub> ( $x = 0 \leq x \leq 0.33$ ) K. Kimura(Hiroshima University)
P06S	Unraveling the Electronic Structure of Altermagnetic MnTe via Photoemission Spectroscopy K. G. Martuza(Hiroshima University)
P07S	Comprehensive Study of Electronic States Induced by Quantum Charge Fluctuations in Electron-doped High-T <sub>c</sub> Cuprate Superconductors H. Yamaguchi(Hiroshima University)
P11S	Observation of electronic structure of chiral magnet GdNi <sub>3</sub> Ga <sub>9</sub> by ARPES Y. Tanimoto(Hiroshima University)
P12S	Effects for the Electronic Structure by Oxygen Deficiency on the double-layer Cuprate High-T <sub>c</sub> Superconductor, Bi2212 K. Kawamoto(Hiroshima University)
P13S	ARPES and IPES Studies for the Electronic Structure Derived by Quantum Charge Fluctuations on the Single-layer Cuprate Superconductor Y. Onishi(Hiroshima University)
P14S	Oxygen-termination effect of the spin-dependent electronic states in FeCo/Rh(001) thin film K. Kunitomo(Hiroshima University)
P15S	Anisotropic Topological Surface States Induced by One-Dimensional Structure and Their Thickness Dependence R. Yamamoto(Hiroshima University)
P16S	The observation of electronic structures on Pt/Fe/MgO and the design of operand sample holder T. Asano(Hiroshima University)
P17S	Improving the accuracy of spin detection using lock-in techniques

	Y. Ikeo(Hiroshima University)
P18S-19S	Structural Dynamics of $\alpha_1$ -Acid Glycoprotein in the Membrane Interaction Revealed by Time-Resolved Vacuum-Ultraviolet Circular Dichroism S. Hashimoto(Hiroshima University) Structural Dynamics of $\beta$ -Lactoglobulin in the Interaction Processes with Sodium Dodecyl Sulfate Micelles Observed by Time-Resolved Vacuum-Ultraviolet Circular Dichroism S. Hashimoto(Hiroshima University)
P20S	Development of a Vertical Circular Dichroism Apparatus for Measuring Aggregated Biomolecules K. Aoyama(Hiroshima University)
P22S	Optical Activity Emergence of Amino-acid Films under Circularly Polarized Lyman- $\alpha$ Light Irradiation G. Fujimori(Yokohama National University)
P23S	Determination of organic molecular film thickness on gold substrates using soft X-ray photoelectron spectroscopy S. Tendo(Hiroshima University)
P24S	DFT calculations for NEXAFS analysis measured for organic molecules S. Asakura(Hiroshima University)
P25S	Fluorine substitution dependence of ultrafast electron transport in biphenyl monolayers induced by resonant core-excitations H. Inoue(Hiroshima University)
P28S	Activity and Characteristics of Ni-Based Hybrid Catalysts with Promoters for Ammonia Methanation R. Sunamoto(Hiroshima University)
P31S	Observing Electronic Dynamics within 100 fs in 2H-MoTe <sub>2</sub> by Double-excitation Ultrafast Electron Diffraction Y. Iwasaki(University of Tsukuba)
P32S	Direct Measurement of Compressed Electron Pulse Duration through the Interaction with Terahertz Waves H. Taira(University of Tsukuba)
P33S	Hydration structure of inorganic salt solutions at various concentrations: A molecular dynamics approach A. Sato(Hiroshima University)
P34S	Concentration dependence of mixtures of water and 3-methylpyridine using MD simulations

	K. Ozeki(Hiroshima University)
P35S	Structure of maleic and succinic acid in aqueous solution by soft X-ray absorption spectroscopy R. Okada(Hiroshima University)
P36S	Theoretical calculations of resonant inelastic soft X-ray scattering based on semi-classical approximation -Application to methanol- H. Sato(Hiroshima University)
P37S	Improvement of the calculation method for X ray Emission Spectroscopy based on Slater's transition state theory Y. Watari(Hiroshima University)