

FoPM International Symposium

Wednesday 19 February 2025

Parallel Sessions 4: Parallel Session 4A - Ichijo Hall (11:00 - 12:15)

-Conveners: Xinyu ZHOU

time	[id] title	presenter
11:00	[93] Theory of chirality-induced spin Seebeck effect	NISHIMURA, Naoki
11:15	[94] Polarization Signal Reduction Associated with Magnetic Reconnection Events in the Solar Chromosphere	ZHOU, Xinyu
11:30	[95] Spectral truncations, approximations in noncommutative geometry and some applications to machine learning	HAFID, Ayoub
11:45	[96] Terahertz third harmonic generation in the iron-based superconductor FeSe	MATSUMOTO, Haruki
12:00	[100] Moonshine Phenomena and Symmetries of lattice CFTs	OKADA, Masaki

Parallel Sessions 4: Parallel Session 4B - SEIHOKU Gallery (11:00 - 12:30)

-Conveners: Risako KAMEYAMA

time	[id] title	presenter
11:00	[99] Search for sterile neutrino at the Belle II experiment	SHIMASAKI, Tomoyuki
11:15	[101] Generative Diffusion Model with Inverse Renormalization Group Flows	MASUKI, Kanta
11:30	[102] Optical Quantum States Generation using a High-Speed Photon-Number-Resolving Detector	TAKAHASHI, Kazuma
11:45	[103] Ultra-broadband vibrational spectroscopy of buried interfaces	KAMEYAMA, Risako
12:00	[98] Automorphism groups of specific Calabi-Yau manifolds	SAKAMOTO, Renji
12:15	[97] TBA	IDE, Ryuhoh

Parallel Sessions 4: Parallel Session 4C - Conference Room (11:00 - 12:15)

-Conveners: Kohei SHIBUYA

time	[id] title	presenter
11:00	[104] Observation of photocatalytic reaction by time-resolved in situ soft x-ray absorption spectroscopy	SHIBUYA, Kohei
11:15	[105] Binaries of White dwarfs and Main Sequence Stars in few-days orbit discovered by TESS and Gaia	SHIRAIISHI, Yuta
11:30	[106] Observation of magnetism in 2D vdW crystals	GU, Hao
11:45	[107] Population inference of binary black holes with effective spin parameters	IWAYA, Masaki
12:00	[108] All-Gaussian Quantum Neural Network	NAGAYOSHI, Hironari

Parallel Sessions 4: Parallel Session 4D - Research Lecture Room (11:00 - 12:30)

-Conveners: Takanori TANIGUCHI

time	[id] title	presenter
11:00	[109] Continuous variable quantum key distribution	YAMANO, Shinichiro
11:15	[110] Measuring Gravitational Lensing Three-Point Statistics Unaffected by Observational Region Shape	TANIGUCHI, Takanori
11:30	[111] Study of magnetization-induced second harmonic generation	SUMI, Toshihide
11:45	[112] Preliminary results of high-contrast observations of cool stars from the Subaru Intensive Survey on accelerating stars	GU, Ziyang
12:00	[113] Research and development towards an axion search experiment using quantum sensing of magnons	SINGH SHRESTHA, Yaman
12:15	[114] TBA	HONG, Muzi