

FoPM International Symposium

Monday 17 February 2025

Parallel Session 2: Parallel Session 2A - Auditorium (16:00 - 17:15)

-Conveners: Koki SHIRAISHI

time	[id] title	presenter
16:00	[49] Quantum communication between fixed-frequency superconducting qubits using an itinerant microwave photon	MIYAMURA, Takeaki
16:15	[50] Theory of open quantum many-body systems	SHIRAISHI, Koki
16:30	[51] Asymptotic property of point process regression	GYOTOKU, Yoshihiro
16:45	[52] Strong CP problem	OKABE, Risshin
17:00	[53] Quantitative elucidation of Akt isoform-specific effect on cellular morphology change using optogenetics and a mathematical model	SEKINE, Yuka

Parallel Session 2: Parallel Session 2B - Conference Room, F3 (16:00 - 17:15)

-Conveners: Tsubasa KOBAYASHI

time	[id] title	presenter
16:00	[54] Monte Carlo methods for quantum lattice models (tentative)	SHIRATANI, Sora
16:15	[55] Ultrafast all-optical universal squeezer of single-photon states	SONOYAMA, Tatsuki
16:30	[56] Mining for Protoclusters at $z \approx 4$ from Photometric Data Sets with Deep Learning	TAKEDA, Yoshihiro
16:45	[57] Investigation of Taxol distribution and toxicity in Drosophila L3 larvae	KOBAYASHI, Tsubasa
17:00	[58] Superconducting Vortex Nucleation Induced by Self-Field of Current	NISHIMURA, Shunsuke

Parallel Session 2: Parallel Session 2C - Seminar Room, F3 (16:00 - 17:15)

-Conveners: Hiroko TOMODA

time	[id] title	presenter
16:00	[59] Observation on Galaxy Protoclusters Hints AGN feedback on IGM Scale	DONG, Chenze
16:15	[60] Spontaneous leptogenesis	TAKAHASHI, Hiroki
16:30	[61] Programmable control of temporal waveform of fragile optical quantum states	TOMODA, Hiroko
16:45	[62] Cellular response to mechanical stimulation	MUKAI, Tomoya
17:00	[63] A possible simple proof of the Bott periodicity theorem	NATORI, Masaki

Parallel Session 2: Parallel Session 2D - Gallery 1, B1 (16:00 - 17:30)

-Conveners: Rurie MIZUNO

time	[id] title	presenter
16:00	[64] Mystery of arithmetic geometry and p-adic differential equations	WANG, Peiduo

16:15	[65] Nuclear reaction in muonic atoms	MIZUNO, Rurie
16:30	[66] Subaru PFS: Search for intermediate-mass black holes	HAYASHI, Kota
16:45	[67] Proposal of unitary-transformed projective squeezing	ANAI, Keitaro
17:00	[68] Inferring mantle flow beneath the Pacific Ocean from seismic anisotropy	FUNAHASHI, Ikuchi
17:15	[69] Nonequilibrium hysteretic phase transitions in periodically light-driven superconductors	ZHANG, Huanyu