FoPM International Symposium

Tuesday 18 February 2025

Poster Session - Event Space B2 (16:00 - 18:00)

time	[id] title	presenter
16:00	[115] 1. Utilizing backconversion for highly efficient and stable wavelength conversion from Yb:KGW femtosecond laser	AIKYO, Kota
16:01	[116] 2. Photoelectron spectroscopy of thiolate-protected gold cluster anions formed by matrix-assisted laser desorption/ionization	AKAZAWA, Koumei
16:02	[117] 3. Revisiting the Role of Zero Modes around Solitons	AOKI, Takafumi
16:03	[118] 4. TBA	AONASHI, Tatsuya
16:04	[119] 5. Direct observation of valence electron density in intermetallic compounds	AOYAGI, Shungo
16:05	[120] 6. CNN method for the charged-current electron neutrino cross-sections measurement at T2K near detector	ARAI, Tomochika
16:06	[121] 7. Can supermassive stars be a Nitrogen origin of GN-z11?	EBIHARA, Sho
16:07	[122] 8. Revealing the Energy Distribution of shocks in RCW 86 NE with XRISM and NuSTAR	FUJIMOTO, Gen
16:08	[123] 9. Quantum Breakdown Model: the Exact Solution and Dynamics	GUAN, Xinye
16:09	[124] 10. Discrete geometry of 3-dimensional Spin Manifold	HARADA, Akira
16:10	[125] 11. Universal Upper Bound on Work Extractable from Quantum Many-Body Systems	HOKKYO, Akihiro
16:11	[126] 12. TBA	HONDA, Kensuke
16:12	[127] 13. Entanglement swapping in critical quantum spin chains	HOSHINO, Masahiro
16:13	[128] 14. A categorical approach to Gödel's incompleteness via arithmetic universes	IKEDA, Yuto
16:14	[129] 15. Research on how to implement repeat-until-success nonlinear optical quantum gate circuits	IKEHARA, Shion
16:15	[130] 16. Parallel Gradient Estimation of Parameterized Quantum Circuit	IMAMURA, Soichiro
16:16	[131] 17. Frequency collision analysis of all-microwave two-qubit gate	INOUE, Shinichi
16:17	[132] 18. Mechanism of nuclear condensate miscibility	INOUE, Shoma
16:18	[133] 19. Quantum i.i.d. Steady States in Open Quantum Many-Body Systems	ISHII, Takanao
16:19	[134] 20. Insights into Confinement in Supersymmetric Gauge Theories	ISHIKAWA, Riku
16:20	[135] 21. Analysis of the nonlinear transport prooperties on the one-dimensional Hubbard model	IWASAKI, Tetsuya
16:21	[136] 22. Tracing Cosmic Reionization: Lyα Emission from Early Galaxies Observed with JWST	KAGEURA, Yuta
16:22	[137] 23. Angular Momentum Transfer from a Vortex Beam to a Superconductor	KANG, Daemo
16:23	[138] 24. Graphical representation of a stationary distribution and static responses in population dynamics	KATAYAMA, Koya

16:24	[139] 25. Indirect search for dark matter using radio observations	KAWAI, Chikara
16:25	[140] 26. Jet propagation in aspherical ejecta from neutron star-black hole merger	KIDO, Daisaburo
16:26	[141] 27. Skeletaly fused reversible Michael acceptor for the virus desease treatment	KOBAYASHI, YUHI
16:27	[142] 28. TAO 6.5m telescope high-speed observation unit for unveiling Fast Radio Bursts origins	KODAMA, Emon
16:28	[143] 29. A constructive proof of the general Nullstellensatz	KUROKI, Ryota
16:29	[144] 30. Simulation of Oxygen Green Aurora Emission on Venus	LU, Pucheng
16:30	[146] 31. Simulation study of ultra-slow muon generation for the J-PARC Muon g-2/EDM Experiment	LYU, Meng
16:31	[147] 32. Decoherence suppression of optical non-Gaussian quantum states using a loop-based optical circuit	MACHINAGA, Akihiro
16:32	[148] 33. Rigorous lower bound on dynamical critical exponents of critical frustration-free systems	MASAOKA, Rintaro
16:33	[149] 34. Tensor cross interpolation approach for quantum impurity problems based on the weak-coupling expansion	MATSUURA, Shuta
16:34	[150] 35. TBA	MIKI, Yuta
16:35	[151] 36. A model for periodic patterning of tracheal cartilage rings	MORI, Masahito
16:36	[152] 37. Electronic structure of dimers of gold nanoclusters probed by gas-phase photoelectron spectroscopy	NAKASHIMA, Yosuke
16:37	[153] 38. Classification of theories and the notion of independence	NAKAURA, Koitaro
16:38	[154] 39. Undulator radiation interferometry for electron beam energy measurement	NISHI, Koutarou
16:39	[155] 40. Selective synthesis of aromatic hydrocarbon macrocycles with partially functionalized structures	NISHINA, Hideaki
16:40	[156] 41. Stabilization of the Molecular Crystal Composite Electrolyte - LiCoO2 Potitive Electrolyte Interface by Introducing a Protective Layer	OKOCHI, Tomoaki
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16:42	[158] 43. Dimension of the Hilbert space and time-reversal anomaly in bosonic TQFT	ORII, Ippo
16:43	[159] 44. Long-term heat-storage material based on novel metastable ceramics λ-Ti3O5	OTAKE, Tomu
16:44	[160] 45. Quantum-Classical correspondence for monitored quantum dynamics	OYAIZU, Atsushi
16:45	[161] 46. Real-space observation of aging structures in colloidal gels	SAITO, Shunichi
16:46	[162] 47. Gauge Theory and Generalized Cohomology	SAITO, Shota
16:47	[163] 48. Harmonic measures in invariant random graphs on Gromov hyperbolic spaces	SAKAMOTO, Kohki
16:48	[164] 49. Representation theory of quantum groups	SAKAMOTO, Heizo
16:49	[165] 50. Development of non-covalent chemigenetic Ca2+ indicator	SAKOI, Kenryo
16:50	[166] 51. CMB polarimetry using a polarization modulator to probe cosmic inflation	SASAKI, Daichi
16:51	[167] 52. Towards the Universal Theory Behind Species-Specific Difference in Cellular Dedifferentiation Potential	SASAMORI, Kansuke

16:52	[168] 53. Developing a Transient Event Alert System for the Tomo-e Gozen Wide-Field Survey	SASAOKA, Taiga
16:53	[169] 54. Thermal Regulation of Protein Secretion Using Thermo-responsive Proteins	SATO, Takahiro
16:54	[170] 55. Introduction to Interacting Particle Systems	SATO, Tomo
16:55	[171] 56. Imaging stress distribution under high pressure using diamond quantum sensors	SUDA, Ryotaro
16:56	[172] 57. Label-free microscopy technologies	SUGAWARA, Yusei
16:57	[173] 58. Demonstration of THz-bandwidth all-optical quantum teleportation	SUZUKI, Takumi
16:58	[174] 59. Cuntz's picture of equivariant KK theory	SUZUKI, Yusuke
16:59	[175] 60. The effect of optimal self-distillation in noisy gaussian mixture model	TAKANAMI, Kaito
17:00	[176] 61. Relations between supermassive black holes and galaxies over cosmic history revealed by JWST	TANAKA, Takumi
17:01	[177] 62. Microscopic theory of the inverse Faraday effect in a multiorbital model	TAZUKE, Kosuke
17:02	[178] 63. An accurate estimator for galaxy-galaxy weak lensing power spectrum	TERAWAKI, Taisei
17:03	[179] 64. Noise-robust algorithm for real-space dynamics on quantum computers	TSUOKA, Kazuki
17:04	[180] 65. Edge State of Bacterial Collective Motion Rectified by Asymmetric Channels	UCHIDA, Yoshihito
17:05	[181] 66. Photon polarization tensor at finite temperature and density in a magnetic field	UJI, Tomoya
17:06	[182] 67. Irradiation tolerace evaluation of DMAPS sensor for Belle II vertex detector upgrade	WANG, Shijie
17:07	[183] 68. Threefold Way for Typical Entanglement	YAGI, Haruki
17:08	[184] 69. Probing cosmic large scale structure with voids	YAMADA, Yuka
17:09	[185] 70. Pulse width dependence on Spin-Orbit Torque switching in an antiferromagnet Mn3Sn thin film	YAMADA, Shogo
17:10	[186] 71. Quasi-likelihood analysis for stochastic differential equation models	YANO, Shota
17:11	[187] 72. Elliptic Genus in Gauged Linear Sigma Model	ZHOU, Dongao