KMI2025 : The 6th KMI International Symposium

Wednesday 5 March 2025

Poster Session: Reception - Sakata and Hirata Hall (18:15 - 20:00)

[id] title	presenter	board
[44] Millicharged dark matter detection with Mach-Zehnder interferometer	NUGROHO, Chrisna Setyo	
[51] Performance evaluation of the new inner-station TGC detector and the power distribution board at the HL-LHC ATLAS experiment	CHIBA, Kotaro	
[45] Development of a Trace Hydrogen Measurement Method for Quantitative Evaluation of Tritium Concentration in Gas Xenon	UTOYAMA, Mitsuki	
[88] Algebraic ER=EPR in LLM	NEMOTO, Ryo	
[57] Anisotropic halo bias from vector dark matter/energy and anisotropic inflation	MASAKI, Shogo	
[86] First star information from hydrogen 21cm global signal	UKAI, Sho	
[58] Heavy quark symmetry behind b → c semileptonic sum rule	IGURO, Syuhei	
[87] COSMOS: A numerical relativity code specialized for PBH formation	YOO, Chulmoon	
[55] Evanescent operator contribution to radiative correction to QCD theta parameter at two-loop level in the BMHV scheme	OSAMURA, Naohiro	
[89] STOLAS: STOchastic LAttice Simulation of cosmic inflation	MIZUGUCHI, Yurino	
[47] Toponium at the LHC	ZHENG, Ya-juan	
[48] Exploration of Confinement in Supersymmetric Gauge Theories	ISHIKAWA, Riku	
[50] Development and validation of the firmware for the new inner-station TGC detector in the ATLAS muon trigger system at the HL-LHC	MANITA, Shogo	
[68] Development of a high-speed automatic nuclear emulsion scanning system, HTS-2	KAWAHARA, Tsuyoshi	
[72] Optimisation of the voltage ratio to extend the lifetime of MCP-PMT for the TOP counter in the Belle experiment	ICHIKAWA, Tadaki	
[73] Testing General Relativity with weak lensing and galaxy clustering from HSC-Y3 and SDSS BOSS: Toward implementing MGCAMB into COCOA	TANIDA, Kohki	
[66] Resolving Individual Signal in the Presence of Stochastic Background in Future Pulsar Timing Arrays	FURUSAWA, Kazuya	
[49] Excited bound states & their role in Dark Matter Production	LEDERER, Stefan	
[56] Impact of the Electroweak Weinberg Operator on the Electric Dipole Moment of Electron	OGAWA, Kiyoto	
[52] Measurement of neutron whispering gallery states induced by non-inertial Schrödinger dynamics	ICHIKAWA, Go	
[61] Evaluation of FSR photon correction to di-muon invariant mass for search for Higgs decaying into two muons in the ATLAS experiment	WADA, Arisa	
[53] Analysis of exotic hadrons by superposition of hadronic molecules and charmonium	MIYAKE, Kotaro	

[59] Polarization Measurement of 6.6 MeV Gamma-ray Beam with Nuclear Emulsion	YASUDA, Ibuki	
[60] Development of single-phase liquid xenon detector and microstrip electrodes for XLZD	SHIMADA, Taiki	
[67] Scalar leptoquark based on the B meson anomaly	UCHIYAMA, Takeru	
[62] Neutron Interferometer with multilayer netron mirrors at J-PARC	NAMBU, Taro	
[54] The power management of the Sector Logic board for the ATLAS muon trigger at HL-LHC	KOJI, Shota	
[71] A Neural Network Approach to Consider Secondary Dependence of Halo Bias	ISHIKAWA, Keitaro	
[69] Development of hermetic xenon detector for XLZD	MIYATA, Ryuta	
[70] The Impact on the 21 cm Absorption Signals of Minihalos by the Radiation Background	NARUSE, Genki	
[74] Design of bridge coupler in Disk-and-Washer structure for muon acceleration	KONDO, Ayaka	
[46] Recent $B^{+} \rightarrow K^{+} \nu \nu$ Excess and Muon g-2 illuminating Light Dark Sector with Higgs Portal	KIM, Jongkuk	
[63] Challenges for the top quark mass measurement using J/ψ meson in $t \to W(\to l\nu)b(\to J/\psi+X)$ decay at ATLAS Run 2	ASADA, Haruka	
[64] Non-perturbative overlaps in JT gravity	SHIBUYA, Shono	
[65] Parity-violating scalar trispectrum from helical primordial magnetic fields	YURA, Kaito	