

The 9th Asian Triangle Heavy-Ion Conference (ATHIC 2023)

Tuesday, April 25, 2023

Poster Session - Multi-Purpose Studio, 2nd Floor (4:20 PM - 6:20 PM)

time	[id] title	presenter
4:20 PM	[203] Medium effects on two-particle correlations based on the theory of quantum open systems	YAMAMOTO, Mamoru
4:20 PM	[230] Simulation studies and R&D status and plans in Japan for the EIC ePIC Barrel TOF with AC-LGAD	MATSUTANI, Kanato YAMAUCHI, Wataru
4:20 PM	[65] Production of Ω NN and $\Omega\Omega$ N in ultra-relativistic heavy-ion collisions	ZHANG, Liang
4:20 PM	[220] Monte Carlo study of Schwinger model at finite density	OHATA, Hiroki
4:20 PM	[231] Higgs-confinement continuity in light of particle-vortex statistics	HAYASHI, Yui
4:20 PM	[225] Multiplicity dependence of χ_{c}^+ baryon production in pp collisions at $\sqrt{s} = 13$ TeV with ALICE	CHO, Jaeyoon
4:20 PM	[214] Effect of hydrodynamic fluctuations on mixed harmonic cumulants	NONAKA, Chiho
4:20 PM	[215] Verifying repulsive Λ potential at high densities using heavy-ion collision and hypernuclear data	JINNO, Asanosuke
4:20 PM	[245] Thermodynamic properties of QGP formation with one loop correction at finite chemical potential	Prof. SOMORENDRO SINGH, Shougaijam
4:20 PM	[221] Numerical calculation of meson mass using two-body Dirac equation	HONG, Younghoo
4:20 PM	[211] Evaluation of a high-speed transmission cable for sPHENIX-IN TT silicon detector	KATO, TOMOYA
4:20 PM	[205] Exploring high-density baryonic matter in J-PARC-HI Project	SAKO, Hiroyuki
4:40 PM	[179] Beam test studies of silicon sensors for ALICE ITS3	JANG, Hangil
4:40 PM	[181] Heavy meson-nucleon molecules in the meson exchange model	YAMAGUCHI, Yasuhiro
4:40 PM	[189] Feasibility study of ultra-intense magnetic field detection via virtual photon derived dimuon polarization in ALICE Run 3	MURAOKA, Shunichiro
4:40 PM	[180] Investigation of the initial geometry description using collectivity in the AMPT model	LIM, Hyunji
4:40 PM	[129] Anisotropic flow of charmonium states in heavy ion collisions	CHO, Sungtae
4:40 PM	[132] Unphysical topological charge of nonabelian gauge theory and implications to hadron physics	Dr YAMANAKA, Nodoka
4:40 PM	[202] Model study of charged particle production in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.36$ TeV	PARK, Hyebin
4:40 PM	[146] The jet transport coefficient uncertainties from parton fragmentation functions in heavy ion collisions	HAN, Qingfei
4:40 PM	[154] Jet quenching effect in heavy ion collision based on AdS/CFT energy loss model	Mr ZHU, Liqiang
4:40 PM	[171] Development of the ALICE FoCal-E pad detector	INABA, Motoi
4:40 PM	[191] Hydrodynamic simulation of dilepton production with chiral symmetry restoration scenario	SAKAI, Azumi

5:00 PM	[183] Forward muon track reconstruction between multiple detectors using machine learning in ALICE Run 3	Mr EJIMA, Ren
5:00 PM	[204] Simulation study of the Ring Imaging Cherenkov detector for the next-generation heavy-ion experiment at LHC	KURITA, Shunsuke
5:00 PM	[178] Study of jet fragmentation in ALICE	RYU, Jaehyeok
5:00 PM	[217] Impact of nuclear deformation on longitudinal flow decorrelations in high-energy isobar collisions	Dr NIE, Maowu
5:00 PM	[175] Covariant chiral kinetic equation in non-Abelian gauge field from "covariant gradient expansion"	LUO, Xiaoli
5:00 PM	[173] Flow measurements via long-range two-particle correlations in small systems with ALICE	JI, Su-Jeong
5:00 PM	[197] Model study of jet fragmentation transverse momentum distributions in pp collisions using D0-meson tagged jets.	LEE, Hyungjun
5:00 PM	[130] Charge dependent directed flow of π^+ , K^+ , and $p(\bar{p})$ in Au+Au, $^{96}_{44}\text{Ru}+^{96}_{44}\text{Ru}$, and $^{96}_{40}\text{Zr}+^{96}_{40}\text{Zr}$ collisions from STAR	SHEN, Diyu
5:00 PM	[141] Spin alignment of vector mesons in a rotating medium in a NJL model study	WEI, Minghua
5:00 PM	[172] Scaling behaviors of heavy flavor meson suppression and flow in different nuclear collision systems at the LHC	LI, Shu-Qing
5:00 PM	[147] Jet shape depending on the gradient of jet energy loss in heavy-ion collisions	XIAO, Yuxin
5:20 PM	[198] Dijet studies at the LHC	Mr BAE, Joonsuk
5:20 PM	[94] Probing initial baryon stopping and equation of state with rapidity-dependent directed flow of identified particles	DU, Lippei
5:20 PM	[120] Longitudinal momentum fraction of heavy flavor meson in jets in high-energy nuclear collisions	LI, Yao
5:20 PM	[125] Anisotropic responses of heavy quark potential and diffusion coefficient to the magnetized QGP	ZHANG, He-Xia
5:20 PM	[135] The hydrodynamics description of anisotropic flow and flow fluctuations in $\sqrt{s_{NN}}=5.02$ TeV Pb-Pb collisions at the LHC	ZHU, Jie
5:20 PM	[161] Evolution of global polarization in relativistic heavy-ion collisions within a perturbative approach	LI, Xiaowen
5:20 PM	[168] The Fox-Wolfram Moment of jet production in relativistic heavy ion collisions	KONG, WeiXi
5:20 PM	[176] Covariant chiral kinetic equation in non-Abelian gauge field from "covariant gradient expansion"	LUO, Xiaoli
5:20 PM	[182] Directed flow of light flavor hadrons	CHATTERJEE, Sandeep
5:20 PM	[193] Feasibility of $\rho(770)^0 \rightarrow \pi^+\pi^0$ measurement with standalone MFT tracks with ALICE	KIMURA, Kento
5:20 PM	[196] Performance of ALICE Forward Calorimeter E-Pad using hadron and electron beams at SPS	PARK, Hanseo
5:40 PM	[185] Possible enhancement of dilepton production and transport coefficients due to the QCD phase transitions at high density	NISHIMURA, Toru

5:40 PM	[192] Measurements of weak boson production via electrons in pp collisions at $\sqrt{s}=13$ TeV with ALICE	SAKAI, Shingo
5:40 PM	[186] Study of multiplicity-dependent charmonia production in p + p collisions with PHENIX	OH, Jongho
5:40 PM	[199] Investigation of the cause and establishment of a suppression method of Fake Hits generated in the readout circuit board of sPHENIX-INNT silicon detector	Mr SHISHIKURA, Ryota
5:40 PM	[160] Describing Ridge behavior via kinematics between jets and medium	CHO, Soyeon
5:40 PM	[156] Initial conditions in Bjorken expansion from causality	HOSHINO, Tau
5:40 PM	[134] Dynamics of causal hydrodynamic fluctuations in an expanding system	FUJII, Shin-ei
5:40 PM	[118] Parton splitting scales of reclustered large-radius jets in high-energy nuclear collisions	YANG, Mengquan
5:40 PM	[223] Charge-dependent anisotropic flow in relativistic resistive magneto-hydrodynamic expansion	NONAKA, Chiho
5:40 PM	[212] An efficient implicit numerical solver for relativistic hydrodynamics	TOUROUX, Nathan
5:40 PM	[188] Dimuon production at low transverse momentum in peripheral Au+Au collisions at 200 GeV at STAR	LI, Ziyang
6:00 PM	[237] Investigation of azimuthal anisotropy of charmonium with the CMS experiment	KIM, Hyunchul
6:00 PM	[240] Hyperon reconstruction methods with high purity and efficiency in Pb-Pb collisions at ALICE	TOKUMOTO, Ryoka
6:00 PM	[232] Gravitational form factors of a kink in 1+1 dimensional real scalar model	ITO, Hiroaki
6:00 PM	[241] Detectability of ω meson mass modification with pole dropping and/or broadening scenarios	TOMOHIRO, Keisuke
6:00 PM	[229] R&D activities of the FAZIA upgrade in Korea	KIM, Giyeong KIM, Jiyoung
6:00 PM	[95] Flavor dependence of jet quenching in heavy-ion collisions	Dr ZHANG, Shan-Liang
6:00 PM	[116] Measurements of vector meson mass spectra in pA collisions at J-PARC	OZAWA, Kyoichiro
6:00 PM	[207] Computational Deep Neural Network for Solving Differential Equation	KIM, Hyunwoo
6:00 PM	[233] Transport Model Approach to Quark-Gluon Plasma Equilibration	Mr ABDI, Cendikia
6:00 PM	[235] Muon triggering and reconstruction strategy for Run3 heavy ion collisions for CMS	LEE, Junseok
6:00 PM	[236] Separation of heavy-flavour decay muons with the ALICE Muon Forward Tracker (MFT)	ISHAK, Muhamad Noor Izwan