

10th Asian Triangle Heavy-Ion Conference - ATHIC 2025

Wednesday 15 January 2025

Parallel A: Initial State (09:00 - 10:40)

time	[id] title	presenter
09:00	[49] Constraint on initial conditions from nonlinear causality	HIRANO, Tetsufumi
09:18	[67] Neural network study of the impact of nuclear structures in heavy ion collisions	Mr SAHA, Abhisek
09:31	[98] Study of first-order event plane correlated anisotropic flow in heavy-ion collisions at high baryon density region	RAV SHARMA, SHARANG
09:44	[209] Electromagnetic field fluctuation and its correlation with the participant plane in Au + Au and isobaric collisions at $\sqrt{s_{NN}}=200$ GeV	ALAM, SK NOOR
09:51	[140] Extracting baryon initial condition and diffusion - a Bayesian approach	SARKAR, Dr. Nachiketa
09:58	[128] On Transportation of Baryon Number in pp Collision at $\sqrt{s} = 0.9$ and 7 TeV	Prof. BHATTACHARJEE, Buddhadeb
10:11	[21] Multiparticle Cumulants to Constrain the Initial State in Xe-Xe and Pb-Pb Collisions in the CMS Experiment	DATTAMUNSI, Aryaa

Parallel A: Future experiments, Detectors (11:00 - 12:40)

time	[id] title	presenter
11:00	[18] Status overview of Korean group activities for MTD Endcap Timing Layer development	MOON, Dong Ho
11:18	[211] Physics overview of CBM detector at FAIR	DAS, Supriya
11:36	[11] Performance study of Gas Electron Multiplier chamber for future heavy ion experiment	MANDAL, SUBIR
11:49	[74] Development of an ALPIDE telescope and its test results at PF-AR in KEK	WOO, Kyungrim
12:02	[109] Development of Ultra-Thin LGADs with Enhanced Timing Capabilities and Radiation Hardness for Future Collider Applications	Mr KALANI, Jaideep
12:15	[157] Optimising Gas Electron Multiplier for improved detector performance using ANSYS and Garfield++	ANGIRAS, poojan

Parallel A: Theoretical developments (14:10 - 16:18)

time	[id] title	presenter
14:10	[214] Relativistic Hydrodynamics - A causality-stability perspective	MITRA, Sukanya
14:28	[80] Effects of collision dynamics on $p\phi$ femtoscopy	KUROKI, Kenshi
14:46	[33] Shear and bulk viscosity for a pure glue theory using an effective matrix model	DEBNATH, Manas
14:59	[48] Chaos and thermalization in SU(2) gauge theory under in- and out-of-equilibrium conditions	GUIN, SAYAK

15:12	[77] Understanding properties of the Dirac eigenspectrum in QCD and approach to thermalization	SHANKER, Ravi
15:25	[23] Quantum Hall effect for quarks in chiral effective model	MARATTUKALAM, Dani Rose J
15:32	[222] Heavy quark potential in anisotropic medium	MUKHERJEE, Arghya
15:39	[220] Sensitivity of jets to initial stages	Dr ADHYA, Souvik Priyam
15:57	[87] Exploring Hyperon Properties in Dense Baryon Matter and Neutron Stars	JENA, Akash Kumar
16:04	[151] Enhanced ψ^{\prime} yield and $\psi^{\prime}/(J/\psi)$ yield ratio, a signature of QGP formation in high multiplicity $p+p$ collisions	MISHRA, Ananta P.
16:11	[158] On the convergence of the gradient expansion of the Boltzmann equation	GANGADHARAN, Reghukrishnan

Parallel A: Resonances, strange hadrons, hard probes (16:35 - 18:40)

time	[id] title	presenter
16:35	[19] Understanding the hadronic phase with resonance studies with ALICE at LHC Energies	PADHAN, Sonali
16:48	[107] Probing hadronic rescattering via K^{*0} resonance production at RHIC	Mr SAHOO, Aswini Kumar
16:55	[62] Study of resonances flow and production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.36$ TeV with ALICE	GAMI, Sarjeeta
17:08	[114] Study of exotic resonances in pp collisions with ALICE at LHC	Mr SAWAN, Sawan
17:21	[159] Data driven analysis of jet energy loss distribution in relativistic heavy ion collision	ROY, Riddhiman
17:28	[160] Study of charm fragmentation using charm-hadron angular correlation measurements with ALICE	SINGH, Ravindra