

10th Asian Triangle Heavy-Ion Conference - ATHIC 2025

Monday 13 January 2025

Plenary (10:05 - 12:35)

time	[id] title	presenter
10:05	[188] Overview of current status	MOHANTY, Bedangadas
10:30	[187] Recent results from lattice QCD on the phase diagram	GOSWAMI, Jishnu
10:55	[184] Studying the QCD phase diagram via fluctuations	SUSHAMA PRADEEP, Maneesha
11:20	[183] Experimental Status of QCD Phase Diagram	PANDAV, Ashish
11:45	[189] Out of equilibrium physics in the vicinity of the QCD critical point and in the initial state	CHATTOPADHYAY, Chandrodoy
12:10	[8] Unveiling Initial State Fluctuations Using $[p_{\mathbf{T}}]$ Cumulants With ATLAS	BHATTA, Somadutta

Plenary (13:50 - 15:30)

time	[id] title	presenter
13:50	[166] The physics of strong electromagnetic fields in heavy ion collisions	HATTORI, Koichi
14:15	[194] Relativistic resistive magnetohydrodynamic framework to study heavy ion collisions	NONAKA, Chiho
14:40	[195] Results on magnetohydrodynamics simulations with BHAC-QGP	DASH, Ashutosh
15:05	[173] Chiral instabilities in relativistic heavy ion collisions	SHARMA, Sayantan

Plenary (16:15 - 18:20)

time	[id] title	presenter
16:15	[165] Physics of high baryonic matter	XU, Nu
16:40	[178] Some recent theoretical advances in studying dense QCD phase transition	SEN, Srimoyee
17:05	[190] Indian contribution to build FAIR at GSI	BISWAS, Saikat
17:30	[191] Overview of neutron stars and their connection to QCD phase diagram	NANDI, Rana
17:55	[192] Observational constraints on the properties of the neutron star matter	MALIK, Tuhin

Tuesday 14 January 2025

Plenary (09:00 - 10:40)

time	[id] title	presenter
09:00	[196] Electron Ion Collider (EIC) - Theory perspective : Spin Physics	MUKHERJEE, Asmita
09:25	[197] Physics opportunities at the EIC	YANO, Satoshi
09:50	[198] EIC physics: Recent theoretical advances from the BLFQ collaboration	ZHAO, Xingbo
10:15	[186] Indian participation in ePIC at EIC	KUMAR, Lokesh

Plenary (11:00 - 12:50)

time	[id] title	presenter
11:00	[193] Collectivity with system size	TRIPATHY, Sushanta
11:25	[199] Light flavor resonance production in heavy ion collisions	DASH, Sadhana
11:50	[200] Electromagnetic probes of QGP	ESHA, Roli
12:15	[175] Experimental overview on recent measurements of resonances and exotics	KIM, Junlee
12:40	[224] No 3 letter word	GUPTA, Sourendu

Plenary (14:10 - 16:15)

time	[id] title	presenter
14:10	[185] Heavy flavor on lattice	BALA, Dibyendu
14:35	[177] Experimental overview on the open heavy flavor measurement in relativistic heavy ion collisions	KWEON, Min Jung
15:00	[201] Recent developments in charm phenomenology	SINGH, Mayank
15:25	[167] Quarkonium measurements in relativistic heavy ion collisions	TANG, Zebo
15:50	[170] Physics at sPHENIX	SHIMOMURA, Maya

Plenary (16:35 - 19:05)

time	[id] title	presenter
16:35	[202] Experimental overview of recent jet measurements in relativistic heavy ion collisions	SAHOO, NIHAR RANJAN
17:00	[180] Jets in relativistic heavy ion collisions: Theory perspective	VAIDYA, Varun
17:25	[174] Jet shape measurements in relativistic heavy ion collisions	OH, Saehanseul
17:50	[181] Drell Yan as a probe of the nucleus	KIM, Hyunchul
18:15	[61] Observation of the Antimatter Hypernucleus	WU, Junlin
18:40	[163] Search for baryon junction	XU, Zhangbu

Thursday 16 January 2025

Plenary (09:00 - 10:40)

time	[id] title	presenter
09:00	[171] Imaging nuclei by smashing them: how can shapes be revealed despite violent collisions?	JIA, Jiangyong
09:25	[203] Baryon and strangeness number fluctuation at LHC energies	KUNDU, Sourav
09:50	[123] Non-equilibrium evolution of slow-mode correlation and spectral functions near the QCD critical point	FUJII, Hirotsugu
10:15	[182] Forward Physics at LHC-ALICE	CHUJO, Tatsuya

Plenary (11:00 - 13:05)

time	[id] title	presenter
11:00	[168] Spin polarization in heavy ion collisions and relativistic spin hydrodynamics	JAISWAL, Amaresh
11:25	[204] Polarization measurement in relativistic heavy ion collisions	CHEN, Zhenyu
11:50	[169] Quantum kinetic theory and spin polarisation in relativistic heavy ion collisions	PU, Shi
12:15	[208] Shock wave collisions	RAJ, Himanshu
12:40	[172] Application of machine learning and quantum computation in high energy physics	SHI, Shuzhe