



# The 11th workshop of the APS Topical Group on Hadronic Physics

## Friday, March 14, 2025

### Parallel Session - Room 4: Exotic Hadron (2:00 PM - 3:40 PM)

time	[id] title	presenter
2:00 PM	[99] Pentaquark Search through J/psi Measurements at Jefferson Lab	DURAN, Burcu
2:25 PM	[64] How the Contact can Produce Loosely Bound Hadronic Molecules in Heavy-ion Collisions	PICKETT, Justin
2:50 PM	[113] Born-Oppenheimer Potentials for SU (3) Gauge Theory	ALASIRI, Fareed
3:15 PM	[109] ExoHad Overview: Search for Exotic Hadrons	JACKURA, Andrew

### Parallel Session - Room 4: Heavy Ion Collisions and Saturation (4:00 PM - 5:50 PM)

time	[id] title	presenter
4:10 PM	[59] Can a universal nPDF picture describe di-hadron saturation signals?	PERPELITSA, Dennis
4:35 PM	[63] Baryon number dynamics from RHIC to the LHC	FRENKLAKH, David
5:00 PM	[75] Effect of vector meson spin coherence on the observables for the chiral magnetic effect	SHEN, Diyu
5:25 PM	[122] tbc	

# Saturday, March 15, 2025

## Parallel Session - Room 4: Jet Production (2:00 PM - 3:40 PM)

time	[id] title	presenter
2:00 PM	[33] Energy-energy correlators in jets across collision systems	NAMBRATH, Anjali
2:25 PM	[71] First evidence of the medium response to hard probes with Z-hadron correlations in PbPb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Prof. LEE, Yen-Jie
2:50 PM	[56] Subeikonal corrections to dijet production in DIS	KAR, Tiyasa
3:15 PM	[66] Generative AI for High-Energy Heavy-Ion Experiments	GO, Yeonju

## Parallel Session - Room 4: Heavy Ion Collisions and Nuclear Structure (4:10 PM - 5:50 PM)

time	[id] title	presenter
4:10 PM	[24] Physics Potential, Accelerator Options, and Experimental Challenges of a TeV-Scale Muon-Ion Collider	LI, Wei
4:35 PM	[23] Probing Nuclear Structure of Heavy Ions at the Large Hadron Collider	ZHAO, Wenbin
5:00 PM	[25] Exploring the role of the pre-equilibrium phase in determining nuclear geometry in high-energy collisions	POSSENDORO PALA, Kevin
5:25 PM	[40] Experimental study of hypernuclei with heavy-ion beam at GSI-FAIR: The HypHI experiments	RAPPOLD, Christophe

# Sunday, March 16, 2025

## Parallel Session - Room 4: Heavy Flavors in Heavy Ion Collisions I (9:00 AM - 10:40 AM)

time	[id] title	presenter
9:00 AM	[4] Bottomonium suppression in $\sqrt{s_{NN}}$ -Pb collisions at the LHC energies	THAPA, Sabin
9:25 AM	[10] Charm Tetraquark Production by Intrinsic Charm	VOGT, Ramona
9:50 AM	[19] Production and polarization of direct $J/\psi$ in $e+p$ collisions in the improved color evaporation model	CHEUNG, Vincent
10:15 AM	[16] Unresolved Questions in Cold Nuclear Matter	NAÏM, Charles Joseph

## Parallel Session - Room 4: Heavy Flavors in Heavy Ion Collisions II (11:00 AM - 12:40 PM)

time	[id] title	presenter
11:00 AM	[90] Exploring QCD with light and heavy flavor jet substructure measurements	HANGAL, Dhanush
11:25 AM	[35] Study of the relative mass and width of the Z boson dimuon decay, as a function of centrality, in PbPb collisions with CMS	GONZALEZ, Frank
11:50 AM	[31] Open heavy flavor physics studies for the Electron-Ion Collider	Dr LI, Xuan
12:15 PM	[34] Highlights of Heavy Flavor Physics Studies in the PHENIX experiment at RHIC	Dr LIU, Ming