

15th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2025) Madison Wisconsin June 9-13

Monday, June 9, 2025

Quark Matter and High Energy Heavy Ion Collisions:: Initial state, parton distribution & experimental frontiers (1:25 PM - 3:00 PM)

| time | [id] title | presenter |
|---------|--|------------------------|
| 1:30 PM | [225] Gluon saturation and heavy ion collisions | TIWARI, Shaswat |
| 1:55 PM | [192] Recent UPC results from STAR and ALICE | Mr SHEIKH, Ashik Ikbal |
| 2:20 PM | [170] Backward Hadronic Calorimeter for ePIC - a detector for diffractive physics at the EIC | KOSARZEWSKI, Leszek |

Quark Matter and High Energy Heavy Ion Collisions:: Dynamics across QGP evolution (3:30 PM - 5:05 PM)

| time | [id] title | presenter |
|---------|--|----------------------|
| 3:30 PM | [279] Echoes from the Fireball: What Femtoscopy Reveals at RHIC | KHYZHNIAK, Yevheniia |
| 3:55 PM | [282] Probing Hadronization and Polarization Effects via Strange Hyperons at LHCb | STEFANIAK, Maria |
| 4:20 PM | [47] Quantum tomography of chiral media: from quark-gluon plasma to Weyl semimetals to axions. | TUCHIN, Kirill |

Tuesday, June 10, 2025

Quark Matter and High Energy Heavy Ion Collisions:: Bulk Probes in Hot QCD (1:30 PM - 3:00 PM)

| time | [id] title | presenter |
|---------|--|--------------------|
| 1:30 PM | [220] Recent developments in hydrodynamic simulations of heavy-ion collisions | ALMAALOL, Dekrayat |
| 1:55 PM | [218] QGP Speed of Sound measurements at LHC | STOJANOVIC, Milan |
| 2:20 PM | [107] QCD equation of state from van der Waals Hadron Resonance Gas model and Holography | RESTREPO, Tulio E |

Quark Matter and High Energy Heavy Ion Collisions:: High μ_B QCD & the phase diagram (3:30 PM - 5:25 PM)

| time | [id] title | presenter |
|---------|---|----------------------|
| 3:30 PM | [283] Deconfinement effects in net-proton fluctuations | SAVCHUK, Oleh |
| 3:55 PM | [195] Theoretical predictions on the QCD critical point. | GREFA, Joaquin |
| 4:20 PM | [140] Probing QGP via local charge fluctuations in heavy-ion collisions | POBEREZHZNIUK, Roman |

Wednesday, June 11, 2025

Quark Matter and High Energy Heavy Ion Collisions:: Jets & Electromagnetic Probes (2:00 PM - 3:30 PM)

| time | [id] title | presenter |
|---------|--|-------------------|
| 2:00 PM | [217] Jet Quenching at 25 years | MAJUMDER, Abhijit |
| 2:25 PM | [154] First sPHENIX Measurements | DEAN, Cameron |
| 2:50 PM | [207] Experimental Overview of EM Probes in Heavy Ion Collisions | JIN, Chenliang |

Quark Matter and High Energy Heavy Ion Collisions:: Heavy Flavor & Quarkonia (4:00 PM - 5:30 PM)

| time | [id] title | presenter |
|---------|---|------------------|
| 4:00 PM | [144] Recent Quarkonia Results from LHC Heavy-Ions | NANDA, Shirsendu |
| 4:25 PM | [204] Recent RHIC measurements on quarkonium production and suppression | SHEN, Kaifeng |
| 4:50 PM | [256] Overview of the Open Heavy Flavor measurements from Heavy Ion Collisions at the LHC | CHANDRA, Soumik |

Thursday, June 12, 2025

Quark Matter and High Energy Heavy Ion Collisions:: Discussion & open mic (2:00 PM - 3:30 PM)