

# **10th Asian Triangle Heavy-Ion Conference - ATHIC 2025**

**Monday 13 January 2025 - Thursday 16 January 2025**

## **Scientific Programme**

ATHIC 2025 will mainly focus on the following topics

**1. QCD Phase Diagram, criticality and fluctuations**

**2. Initial State - pre-equilibrium dynamics, baryon stopping, intense electromagnetic field**

**3. Hard probes - jets and electromagnetic probes, heavy flavor, quarkonia**

**4. Collective dynamics - conserved charges, spin, vorticity, freezeout, afterburner**

**5. Baryon rich QCD matter, nuclear astrophysics**

**6. Collectivity in small systems**

**7. Physics opportunities at the Future Electron Ion Collider and the RHIC Spin program**

**8. New theoretical developments**

**9. Future experimental programs**