

IV Hot QCD Matter Conference 2026

13 December 2026 - 15 December 2026

**Indian institute of Science Education and
Research (IISER), Tirupati**

Scientific Programme

Jets in hot and dense QCD matter

Heavy Flavor and Quarkonia

Electromagnetic probes

Collectivity and Bulk Dynamics from Small to Large Collision Systems

QCD phase diagram, Lattice QCD, and Neutron Stars

Initial state and Non-Equilibrium Dynamics

Machine Learning and AI for High Energy Nuclear Physics

Advanced Detector Technologies and Instrumentation in High Energy Physics

Physics Opportunities in ep and eA Collisions: From HERA to the EIC