

THEORETICAL PHYSICS SEMINAR

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Title: Unravelling Medium Effects in Heavy Ion Collisions with jets

Speaker: Dr. Rishi Sharma, TIFR Mumbai

Date/Time/Venue: 8th October (Thursday)/4:00 PM/ Room No. 469

ABSTRACT

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We propose a new observable to analyze events with jets in heavy ion collisions. The observable measures how a thermal medium affects the multiplicity and distribution of energetic particles in a jet. Using few

known models for energy loss and jet quenching, we demonstrate its capability to distinguish the physics of these models.

All are welcome to attend