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The Quark Gluon Plasma as a Jet Resolver

When high energy jets propagate through a hadronic medium, several of their partonic fragments interact simultaneously with the system. The ability of the medium to tell apart different fragments depends on a medium resolution scale, which is a property of the system. In this talk I discuss how this scale emerges from the breaking of color coherence among the different jet fragments induced by the medium and how this picture can be used to understand the medium modification of jet observables.

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