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Jets in a quark-gluon plasma

Monday 7 November 2011 16:00 (45 minutes)

We describe the coherent radiation off a quark-antiquark antenna traversing a QCD medium. Features of the spectrum are discussed and relevant scales of the problem are identified. In particular, the regimes where interference effects prevail are shown to be relevant in light of the data on inclusive jets in heavy-ion collisions at the LHC.

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Session Classification: Afternoon