

Jets in a quark-gluon plasma

We describe the coherent QCD radiation off a quark-antiquark antenna traversing a colored 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.

Author: Dr TYWONIUK, Konrad (Lund University)

Presenter: Dr TYWONIUK, Konrad (Lund University)