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Jet-track correlation in PbPb collisions with CMS

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A strong modification of jet properties has been observed in central PbPb collisions when compared to the results from pp collisions. To characterize the energy flow, we present the first detailed measurement of the energy flow of quenched jets with the CMS detector. Those new results extend previous measurements to large angle with respect to the quenched jets, using the high statistics pp and PbPb data taken in 2011-13. Jet shapes, fragmentation functions and missing transverse momenta are studied by correlating jets and tracks as a function of centrality and dijet asymmetry.

On behalf of collaboration:

CMS

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