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Quarkonium Production in Jets at the LHC

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We study quarkonium production within jets based on the fragmenting jet function (FJF) formalism which describes the distribution of a quarknium in a jet with certain jet shape. FJF incorporates quarkonium fragmentation functions which can be obtained using NRQCD factorization formalism. Thus, the study of quarkonium production in jets also provides a test of NRQCD. In this talk, I will discuss the applications of this formalism to the analysis of recent data from LHC.

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