

Santa Fe Jets and Heavy Flavor Workshop

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Heavy Flavor Production in pp, pPb and PbPb collisions with CMS detector

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One of the most important testing ground for the theoretical understanding of jet quenching is the parton flavor dependence of the in-medium energy loss and CMS has excellent capability to study heavy quark jets and mesons in heavy ion collisions. In this summary talk, studies of non-prompt J/ψ , B and D meson production in pp, pPb and PbPb collisions at various of collision energies are summarized. The prospect of the LHC Run II data analysis will also be presented.

Presenter: Prof. LEE, Yen-Jie (Massachusetts Institute of Technology)

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