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Quarkonium production at the Tevatron and the LHC

Thursday, 22 July 2010 09:00 (15 minutes)

In this talk, I will present recent progress on quarkonium production within NonRelativistic QCD. I will first give a brief introduction of the framework, and discuss the still open questions. I will emphasize the impact of the QCD corrections to several observables, including the p_T spectrum and the polarization of J/ψ and Y states produced in hadron collisions. After comparing up-to-date predictions with the Tevatron data, I will finally present some benchmark expectations for the production rate at the LHC.

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