

XVth Quark Confinement and the Hadron Spectrum



Contribution ID: 261

Type: Oral

Optimized two-loop QCD correction to exclusive double- J/ψ production at the B factories

Wednesday 21 August 2024 16:30 (30 minutes)

In this talk, I will present our latest theoretical results regarding the exclusive double J/ψ production at the B factory.

I will elucidate the reasons why the conventional NRQCD-based predictions for this process exhibit a notably poor convergence. I will then demonstrate that this convergence can be significantly enhanced by employing an improved NRQCD factorization approach. I will also present our most precise predictions, accurate up to NNLO QCD corrections, and discuss the detection prospects for this process.

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Session Classification: Heavy Quarks

Track Classification: C: Heavy Quarks