

Precision QCD predictions for the Drell-Yan process (30' talk + 20' discussion)

Tuesday 18 April 2023 09:00 (50 minutes)

The calculation of fixed-order predictions at the third perturbative order (N³LO) in the NNLOJET framework is presented, as well predictions further matched to transverse momentum resummation at N³LL with the RadISH framework. A focus will be placed on the phenomenological impact of these corrections, the associated theory uncertainties, and the computational challenges.

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