

DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects



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Perturbative QCD at High Energy Colliders

Friday, 31 March 2023 14:45 (30 minutes)

One of the main tasks for modern QCD theory for colliders is to provide computations of the short-distance factors (typically, partonic cross sections) at high orders of perturbation theory. The past two decades have seen tremendous progress on the development of the theoretical framework needed to match the accuracy reached by the experiments. In this talk I will review the status and latest progress in pQCD calculations at high energy colliders with special emphasis on the LHC. I will also report on some new developments towards precision in DIS processes relevant for the future EIC.

Participate in poster competition?

Submitted on behalf of a Collaboration?

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