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Type: **Oral presentation**

Direct determination of the Collins-Soper kernel

Thursday 12 October 2023 15:10 (20 minutes)

We present a novel method of extraction of the Collins-Soper kernel directly from the comparison of differential cross-sections measured at different energies. Using this method, we provide feasibility studies for the direct measurement of the Collins-Soper kernel with the CMS detector. We also solve a long standing problem of comparison between TMDs obtained from PB and factorization approaches.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

Armando Bermudez Martinez, CERN, Switzerland

Internet talk

Yes

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