

XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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COMPASS studies of TMDs; recent results and future perspectives

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COMPASS is a fixed target experiment in operation at CERN since 2002, with a research program focused on the structure of the hadrons and spectroscopy. An important part of this program is the study of transverse spin and momentum dependent parton distribution and fragmentation functions. A review of recent results on TMDs obtained by using muon beams scattering off unpolarised and polarized targets will be given. The perspectives for the 2021 approved run when using a transversely polarized deuteron target will also be discussed.

Primary authors: BRESSAN, Andrea; COLLABORATION, COMPASS

Presenter: BRESSAN, Andrea

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