## XXI International Workshop on Deep-Inelastic Scattering and Related Subjects



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## Evolution of the helicity and transversity Transverse-Momentum-Dependent parton distributions

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We examine the QCD evolution of the helicity and transversity parton distribution functions when including also their dependence on transverse momentum. Using an appropriate definition of these polarized transverse momentum distributions (TMDs), we describe their dependence on the factorization scale and rapidity cutoff, which is essential for phenomenological applications.

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