

# Experimental status of transverse nucleon structure

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In the past years, distribution functions depending on the transverse momentum of partons in the nucleon (TMDs) have been intensely studied in spin physics. The TMDs represent one approach to disentangle the multi-dimensional structure of the nucleon. Correlations of the transverse spin of quarks with their transverse momentum can be observed by measuring spin azimuthal asymmetries. Recent experimental results from BNL, CERN, DESY and Jefferson Laboratory are presented and an outlook to upcoming measurements at some of these facilities is given.

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