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Measurements of transverse spin and transverse momentum effects at COMPASS

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The CERN COMPASS experiment has a broad physics program focused on the nucleon spin structure and on hadron spectroscopy, using muon and hadron beams. One of the main objectives for the spin program with the muon beam is the measurement of transversity and of transverse spin and momentum effects in semi inclusive deep inelastic scattering.

After a short description of the experiment, an overview of the recent results covering this topic will be given, together with a perspective for the near future.

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