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SIDIS with CLAS12[1]

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A large part of the CLAS12 experimental program is dedicated to the study of mesons electroproduction via semi-inclusive deep inelastic scattering. This process is of high interest for obtaining a multi-dimensional description of the nucleon structure trough transverse momentum partonic fragmentation and distribution functions. The achieved high luminosity, together with the detector's large acceptance, allow obtaining a truly multidimensional description of the nucleon structure in a large kinematic domain with unprecedented statistical precision. In this talk, the current performance of the detector together with preliminary results will be presented.