## chiral-odd fragmentation function measurements at Belle

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Abstract:

The transverse spin of the quarks in the nucleon is the last unmeasured leading twist quark distribution function. Due to being chiral-odd it cannot be measured directly but only in conjunction with another chiral-odd quantity. This can be for example a fragmentation function with its most prominent candidates being the Collins fragmentation function and the interference fragmentation function.

First results on these fragmentation functions, obtained with the Belle experiment at the asymmetric e+e- collider KEKB in Tsukuba, Japan will be presented.