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## E6: x-dependence of twist-3 GPDs from lattice QCD

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“Calculating the x-dependence of PDFs and GPDs from lattice QCD has become feasible in the last years due to novel approaches. In this work, we employ the quasi-distributions method, which relies on matrix elements of non-local operators, matched to the light-cone distributions using Large Momentum Effective Theory (LaMET). In this presentation, we focus on results for the first-ever lattice QCD calculation of twist-3 GPDs. The calculation is performed using one ensemble of two degenerate light, a strange and a charm quark ( $N_f = 2 + 1 + 1$ ) of maximally twisted mass fermions with a clover term, reproducing a pion mass of 260 MeV.”

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