



Contribution ID: 58

Type: **not specified**

Getting access to generalized parton distributions in exclusive photoproduction of a large invariant mass gamma-meson pair

Tuesday, 17 September 2019 17:20 (25 minutes)

In the framework of collinear QCD factorization, we study the photoproduction of a gamma meson pair with a large invariant mass and a small transverse momentum, as a new way to access generalized parton distributions (GPDs), in both chiral-even and chiral-odd sectors. In the kinematics of JLab $\sqrt{s}=12$ -GeV, we demonstrate the feasibility of this measurement.

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Session Classification: Parallel 1

Track Classification: Hadronic structure