



Contribution ID: 71

Type: **not specified**

Determination of Generalized Parton Distributions in the nucleon through exclusive electoproduction.

Monday 26 September 2022 11:10 (25 minutes)

I will present a review of measurements undertaken at various experiments for determining the Generalized Parton Distributions in the nucleon. Results on Deeply Virtual Compton Scattering with exclusive single-photon production as well as hard exclusive meson production have been obtained at HERMES, JLab and COMPASS using electron or muon beams and nucleon targets in various kinematic ranges. The measurements are sensitive to the transverse extension of partons in the proton. Efforts are undertaken to use them in global analyses to constrain the nucleon GPDs.

Presenter: KUNNE, Fabienne (Université Paris-Saclay (FR))

Session Classification: Spin physics

Track Classification: Spin physics