

PARTONS project and fits to high precision DVCS data

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Generalized Parton Distributions (GPDs) provide a comprehensive description of the partonic structure of the nucleon and contain a wealth of new information. In particular, they provide a description of the nucleon as an extended object, referred to as 3-dimensional nucleon tomography, and give an access to the orbital angular momentum of quarks.

In my talk I will focus on the GPD phenomenology. PARTONS project - the platform devoted to study GPDs, will be presented and the fits obtained by the PARTONS collaboration to the high-precision Deeply Virtual Compton Scattering (DVCS) data will be shown.

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