



Contribution ID: 298

Type: **not specified**

## **PARTONS project and fits to high precision DVCS data**

*Wednesday, 5 April 2017 14:18 (18 minutes)*

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 introduced and the first fits obtained by the PARTONS collaboration to the high precision Deeply Virtual Compton Scattering (DVCS) data collected at Jefferson Laboratory will be shown.

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**Session Classification:** WG6 Spin and 3D Structure

**Track Classification:** WG6) Spin and 3D Structure