

## The Electron Ion Collider User Group Meeting



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### **GPDs and the PARTON software project**

*Friday, 8 July 2016 16:05 (25 minutes)*

Generalised Parton Distributions (GPDs) has been introduced in the 1990's and have been studied both experimentally and theoretically since then. If the general framework of the field is now well established, the GPDs themselves are still hardly known, since they are hard to extract from experimental data. On the other hand several phenomenological models have been developed, and QCD-connected computations in the continuum are planned for the forthcoming years. After a presentation of the status of the GPDs field, I will introduced the PARTON software project, dedicated to GPDs, and thought to allow both experimental and theoretical studies of GPDs.

**Presenter:** MEZRAG, Cédric

**Session Classification:** Nucleon Structure and Interactions (Theory)