

## Evolution of GPDs as a tool for their extraction

*mercredi 20 septembre 2023 09:00 (30 minutes)*

I will present how perturbative evolution offers in theory the possibility of a model independent extraction of generalized parton distributions (GPDs) from exclusive processes such as deeply virtual Compton scattering (DVCS), but falls short of its promises practically at moderate skewness – a problem illustrated through the concept of shadow GPDs. However, perturbative evolution provides crucial insights to the modeling of GPDs at small  $x$ . I will open up on the perspectives provided by non-perturbative evolution computed in lattice QCD.

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**Classification de Session:** Plenary