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Phenomenology of GPDs with lattice QCD and experimental data

Thursday, 30 May 2024 09:30 (30 minutes)

I will present the limits and complementarity of GPD phenomenology using simultaneously lattice QCD, experimental data and theoretical models. I will point out how none of the three can convey a satisfactory picture alone as of now, but explore collectively complementary information. I will stress the crucial role of evolution in the uncertainties on the lattice, the modeling of GPDs at small x and in the deconvolution problem from experimental data.

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