

Partonic structure of nuclei from UPCs

Monday 9 June 2025 16:10 (30 minutes)

We will present an overview of theoretical and phenomenological studies on the partonic structure of nuclei and small- x dynamics of QCD using photon-nucleus scattering in UPCs. In particular, we review implications of exclusive charmonium and inclusive dijet production in Pb-Pb UPCs at the LHC as well as discuss the potential of new measurements of diffractive dijet and inclusive heavy quark production.

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