

QCD@LHC2022

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Small-x effects including saturation at the LHC

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The proton and nuclear gluon distribution functions show a strong increase at low values of Bjorken x . This increase, if untamed, would eventually lead to violation of unitarity. The growth of the gluon distribution must therefore at some point saturate. I will review the experimental status on saturation at the LHC.

Declaration

I certify that I have checked that I am authorised to submit the abstract with the listed co-authors with their current affiliations

Change of Speaker

I understand that change of speaker is allowed provided that no participant gives more than one talk. Otherwise, we will ask the speaker to choose between one or the other abstract to be presented.

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