XIII Mexican School of Particles and Fields



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Probing saturation physics at RHIC and LHC

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Abstract content

I will review the latest developments in the high energy limit of QCD and describe the experimental signatures of this new and novel kinematic regime. It is expected that a hadron or nucleus at high energy becomes a Color Glass Condensate (CGC), a dense system of gluons which controls the high energy limit of hadronic/nuclear collisions. I focus on single inclusive particle production in deuteron-nucleus collisions at RHIC and outline the expectations from CGC.

Summary

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