



Contribution ID : 86

Type : **not specified**

Probing saturation physics at RHIC and LHC

Thursday, 9 October 2008 19:20 (0:50)

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

Primary author(s) : Dr. JALILIAN-MARIAN, Jamal (Baruch College)

Presenter(s) : Dr. JALILIAN-MARIAN, Jamal (Baruch College)

Session Classification : RHI