Contribution ID : **1** Type : **not specified**

Basics of Color Glass Condensate (1/2)

Monday, 25 April 2022 14:00 (60)

1) Structure of hadrons: DIS
2) DIS at small x: gluon saturation
a: High gluon density effects: classical multiple scatterings
Ex. 1: quark anti-quark production in DIS
Ex. 2: F2, F_L structure functions in DIS
b: Quantum loops: evolution equations
BK/JIMWLK eqs. for dipoles
3) Solutions of the BK eq.
Phenomenological applications
4) Current/Future directions

Link to the recording:
https://cernbox.cern.ch/index.php/s/pD2QNVUjlZ9kz4C
Please ask the organizers for the password.

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