

*Organisé conjointement par
CPHT-École Polytechnique et Groupe Théorie IPN Orsay*

SÉMINAIRE de PHYSIQUE des PARTICULES

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Effect of non-eikonal corrections on two particle correlations

Résumé :

We will discuss the non-eikonal effects on gluon production in pA collisions that originate from the finite longitudinal width of the target. We will then consider the dilute target limit, and discuss the single and double inclusive gluon production cross section in pp collisions. We will show that non-eikonal corrections break the accidental symmetry of the CGC and give rise to non-vanishing odd azimuthal harmonics.

Mardi 15 Octobre 2019

11:00

Salle de conférence Louis Michel, bât. 6