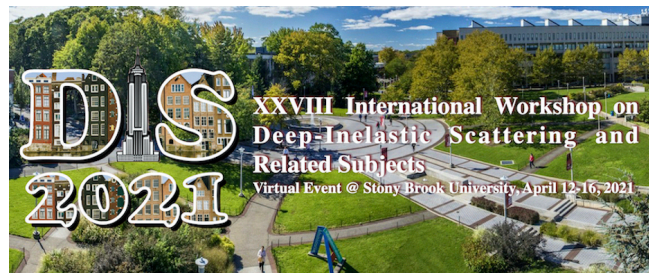


XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 582

Type: **Contributed Talk**

Particle production at all x : from proton-nucleus collisions to DIS

Tuesday, 13 April 2021 12:54 (18 minutes)

We calculate the inclusive quark-photon production in high energy proton-nucleus collisions using a new formalism which includes the dynamics of gluon saturation at small x as well as large x gluons of the target. We show how this unified formalism can be applied to di-jet production in DIS at all Bjorken x .

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Session Classification: Small- x , Diffraction and Vector Mesons

Track Classification: Small- x , Diffraction and Vector Mesons