

DIS 2015

XXIII International Workshop on
Deep-Inelastic Scattering and
Related Subjects

Dallas, Texas
April 27 – May 1, 2015



Contribution ID: 30

Type: not specified

Azimuthal correlations in high-energy pp/pA collisions and anisotropic gluon distributions

Tuesday 28 April 2015 12:00 (25 minutes)

Experiments at RHIC and the LHC have revealed anisotropic multi-particle azimuthal correlations in high multiplicity pp and pA collisions. These correlations are long range in rapidity (resp. $\log 1/x$) and extend to semi-hard transverse momenta of several GeV. I discuss first steps towards understanding azimuthal correlations from small-x QCD, and the information they could provide about anisotropic gluon distributions at small x.

Author: DUMITRU, Adrian (Baruch College (City University of New York))

Presenter: DUMITRU, Adrian (Baruch College (City University of New York))

Session Classification: WG2 Small-x, Diffraction and Vector Mesons

Track Classification: WG2 Small-x, Diffraction and Vector Mesons