



Contribution ID: 51

Type: **Contributed Talk**

The role of dynamical resolution in PB TMD distribution extracted from DIS precision data

Thursday, 26 March 2020 10:12 (18 minutes)

We present a new determination of Transverse Momentum Dependent (TMD) parton distributions obtained with the Parton Branching method. The PB TMDs are extracted from fits to precision DIS data using DGLAP splitting functions at leading and higher order.

In addition the fit sensitivity to dynamical resolution scales on TMD evolution in different kinematical region of x and Q^2 will be investigated.

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Session Classification: Structure function and parton densities

Track Classification: Structure Functions and Parton Densities