



Contribution ID: 296

Type: **Parallel Session Talk**

Forward Drell-Yan and backward jet production as a probe of the BFKL dynamics

Tuesday 9 April 2019 16:15 (20 minutes)

The forward Drell-Yan (DY) lepton pair production together with a backward jet is proposed as a new way to study the BFKL effects due to a large rapidity gap between the two systems. Predictions for quantities to be measured are computed using the leading order DY impact factors and the BFKL kernel with a consistency condition which takes into account an important part of the next-to-leading order corrections.

Authors: KRZYSZTOF, Golec-Biernat (IFJ PAN Krakow); MOTYKA, Leszek; STEBEL, Tomasz

Presenters: KRZYSZTOF, Golec-Biernat (IFJ PAN Krakow); GOLEC-BIERNAT, Krzysztof (Institute of Nuclear Physics, Cracow); GOLEC-BIERNAT, Krzysztof

Session Classification: WG2: Small-x and Diffraction

Track Classification: WG2: Low-x and Diffraction