



Contribution ID: 133

Type: **not specified**

Correlations in forward diffractive Abelian and non-Abelian radiation

Tuesday, 6 September 2016 17:15 (25 minutes)

I present a brief overview of recent advances in single diffractive Drell-Yan, heavy flavour and Higgs boson production at forward rapidities in the dipole picture. Physical reasons for diffractive factorisation breaking in single diffractive production are discussed in detail. Angular correlation in forward diffractive heavy flavor and Drell-Yan production processes is considered as a natural probe for saturation phenomena.

Primary author: PASECHNIK, Roman (Lund University)

Presenter: PASECHNIK, Roman (Lund University)

Session Classification: Diffraction in hadron-hadron collisions - phenomenology/theory (I)

Track Classification: Diffraction in hadron-hadron collisions (phenomenology/theory)