

Color dipole approach to diffractive particle production: from Drell-Yan to di-jets final states

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The dipole approach provides all the necessary means for a universal treatment of both inclusive and diffractive reactions. In this presentation, I will classify various sources of diffractive factorisation breaking in hadronic collisions in both diffractive Abelian and non-Abelian radiation as apparent in the dipole picture, as well as give a short overview of the recent advances in treatment of such diffractive production processes as diffractive Drell-Yan and di-jet production.

arXiv

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