

Double parton scattering for perturbative transverse momenta

Tuesday, 31 May 2016 11:30 (30 minutes)

The cross section for transverse momentum dependent double parton scattering involves transverse momentum dependent double parton distributions (DTMDs). In the region of perturbative transverse momentum the DTMDs can be matched onto collinear double parton distributions. In this talk, we present the framework and results for this matching, as well as the evolution equations for DTMDs in the region of large distance between the two partons. We discuss NLO matching coefficients and LO evolution kernels.

Presenter: BUFFING, Maarten

Session Classification: Talks