

# Santa Fe Jets and Heavy Flavor Workshop

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## Rapidity evolution of gluon TMDs from small to moderate $x$

*Wednesday, 13 January 2016 09:30 (30 minutes)*

I will discuss rapidity factorization approach and show how it can be used in analysis of evolution of gluon transverse momentum dependent (TMD) distribution functions. I will introduce an evolution equation which describes a smooth transition between linear evolution at  $x \sim 1$  and non-linear one at  $x \ll 1$ .

**Presenter:** Dr TARASOV, Andrey (JLab)

**Session Classification:** Session 9