



Contribution ID: 201

Type: **not specified**

Gluon bremsstrahlung and flow assymetry in pA collisions

Saturday 24 September 2016 09:30 (20 minutes)

Recent experimental results display strong flow assymetry in pA collisions at LHC energies, similarly to AA collisions. We investigate the origin of this phenomena theoretically, studying the feature of induced gluon bremsstrahlung in pA and AA collisions. In parallel we include the effect into a HIJING model, localizing the phenomena at the microscopical level, and analyse its influence in a Monte-Carlo calculation. The talk will display our conclusion.

Summary

Presentation type

Oral

Author: LEVAL, Peter (Hungarian Academy of Sciences (HU))

Presenter: LEVAL, Peter (Hungarian Academy of Sciences (HU))

Session Classification: Parallel Session I: Hard Probes in p+p and p+A Collisions (I)