



Contribution ID: 94

Type: **not specified**

Hadronic rescattering in pA and AA collisions

Tuesday, April 20, 2021 2:50 PM (20 minutes)

I have earlier presented a framework for hadronic rescattering Pythia in the context of pp collisions. In this talk, I will present the results from our recent paper where we have studied rescattering in pPb and PbPb collisions, using the Angantyr framework to generate heavy ion collisions. This will give a detailed view on how rescattering affects charged multiplicity and transverse momentum distributions, and where rescattering occurs in spacetime. We will see that rescattering gives rise to a significant v_2 flow coefficient, which describes PbPb data surprisingly well at high multiplicities. There is also a possible indication of jet quenching due to rescattering.

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Session Classification: Student Talks or Discussion Session