Contribution ID: **49**   Type: **not specified**

First solutions of the JIMWLK equation with the kinematical constraint

Tuesday 16 November 2021 16:50 (20 minutes)

In this talk, we describe the implementation of the kinematical constraint within the Langevin formulation of the JIMWLK equation following the proposal of Hatta and Iancu. We present stability and scaling tests and show first comparisons of the solutions without and with the improvement. We also comment on the rapidity evolution rate of the saturation radius.

Authors: KORCYL, Piotr (Jagiellonian University);   Prof. MOTYKA, Leszek (Jagiellonian University)

Presenter: KORCYL, Piotr (Jagiellonian University)

Session Classification: Parallel session