

Multiplicity and center-of-mass energy dependence of light-flavor hadron production in pp collisions

Wednesday, 27 February 2019 11:35 (25 minutes)

Measurements of particle production in proton-proton collisions as a function of multiplicity have revealed intriguing signs of collective behaviour in small systems. In this talk the recent results on light-flavour hadron production in pp collisions will be compared to larger systems, such as p-Pb, Pb-Pb and Au-Au. In addition, the importance of \sqrt{s} to the observed trends will be addressed and tools to separate the soft and hard scattering regimes of the QCD will be discussed.

Presenter: VISLAVICIUS, Vytautas (NBI)