

Influence of Pythia parameters on event multiplicity

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Pythia 8.3 is an evolving physics event generator tool used in particle physics experiments for the modelling of hadronic events. The events are controlled by various parameters which could be tuned to match the real data. This talk investigates how various parameters in Pythia simulation influence the hadron multiplicities in proton-proton collisions at 14 TeV centre-of-mass-energy.

Presenter: BASHIR, Saliha (AGH University of Science and Technology)

Session Classification: New experiment session