

Simulation of the NA64 experiment setup on Geant4

Friday, 15 October 2021 11:00 (15 minutes)

The Geant4 toolkit is a common instrument for the simulation of the experiments in high-energy physics. This work discusses the fixed target experiment NA64 CERN, its main goals and objectives. The model of the installation, implemented using the Geant4 package, is presented. The results of the run a simulation of a particle beam are discussed and analyzed, and physical conclusions are given.

Primary author: KASYANOVA, Elina

Presenter: KASYANOVA, Elina

Session Classification: High energy physics

Track Classification: High Energy Physics