

## **GEANT4 modeling of the mini-SPD test stand**

*Wednesday, 11 November 2020 15:45 (15 minutes)*

Geant4 toolkit is a common instrument for the simulation of the experiments in high-energy physics. This work discusses the stand MiniSPD, its main goals and objectives. The model of the stand implemented using the Geant4 package is presented. The results of the run a simulation of cosmic ray particle beam depending on the selected parameters are discussed and analyzed.

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**Session Classification:** High energy physics

**Track Classification:** HEP III - NICA physics/modeling