

**NEW RESULTS ON THE pp-SCATTERING SIMULATION FOR THE BEAM-BEAM COUNTER AT NICA SPD**

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The results on the pp-scattering simulation at the total energy 10 and 27 GeV for the Beam-Beam Counter at SPD are presented. The simulation has been performed using the Pythia8 generator under SPDRoot framework. The estimations of the magnetic field influence on the inclusive charged particles production asymmetries and on the Beam-Beam Counter loads have been obtained.