



Contribution ID: 229

Type: **not specified**

Software method of determination of the event collision time with the ToF detector of the MPD at the NICA.

Friday, 10 June 2022 13:55 (10 minutes)

Particle identification is an important feature of the MPD detector at the NICA. For particle identification via the time-of-flight technique, the precise determination of the event collision time represents an important ingredient of the quality of the measurement. In my work, the software method used for such a measurement in MPD by means of the event collision time and the TOF detectors are reviewed. Efficiencies, resolution and the improvement of the particle identification separation power of the method used are presented for the Monte Carlo simulation data.

Summary

Presenter: BARYSHNIKOV, Victor

Session Classification: Sectional talks