

Student's Zone 2019 of the NICA Project



Contribution ID: 81
Monte-Carlo models

Type: Physics data analysis for the MPD and BM@N experiments, including

Development and optimization of detector visualization and MPD data

To properly simulate what happens after two particles collide in a detector one needs a properly modeled geometry of said machine. For later physical analysis it is important to know exactly what are its dimensions, where is it located in space, where are the particles located, what tracks did they leave. Also knowing how to add new detector or detector parts and where to put them in the code is important as well.

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Session Classification: TeFeNICA and Slow Control final presentations

Track Classification: Slow Control System 2019