## The XXIII International Scientific Conference of Young Scientists and Specialists (AYSS-2019)

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## Realistic simulation of the MPD Time Projection Chamber with Garfield.

Monday, 15 April 2019 16:00 (15 minutes)

The detailed simulation of electron drifting in the MPD TPC was made with CERN Garfield toolkit for the simulation of gas particle detectors. For electron transporting were used the Ar+CH4 gas mixture with impact of magnetic and electric fields. Ionization processes were investigated in the wire planes area near readout chambers of the TPC.

Primary authors: Mr BYCHKOV, Alexander (JINR); Dr ROGACHEVSKY, Oleg (JINR)

Presenter: Mr BYCHKOV, Alexander (JINR)

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