

The central tracking system of the BM@N experiment based on GEM detectors

Monday, 24 October 2022 14:45 (15 minutes)

Baryonic Matter at Nuclotron (BM@N) is the first experiment at the NICA accelerator complex. The aim of the BM@N experiment is to study interactions of relativistic heavy ion beams with fixed targets. Detectors based on Gas Electron Multipliers (GEM) are used of the central tracking system, which is located inside the BM@N analyzing magnet. The next BM@N physics run is planned at the end of 2022. The current installation and commissioning status of the GEM tracking system is presented.

Primary author: GALAVANOV, Andrei (JINR, MEPHI)

Presenter: GALAVANOV, Andrei (JINR, MEPHI)

Session Classification: High Energy Physics

Track Classification: High Energy Physics