

25th anniversary of JINR in ATLAS



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Micromegas production lines at DLNP JINR. Status and plans

Presently, two Micromegas chamber production sites have been constructed at the DLNP JINR. The first line will provide production and testing of Micromegas chambers for the outer part (LM2) of large sectors of ATLAS NSW. This line will be used for production of NSW readout planes with the area of 384 m² out of the total area of 1200 m². Component materials will be supplied from CERN in a centralized fashion for all participants of the project.

The second line is aimed at complete cycle of production of Micromegas chambers with the active region width of up to 50 cm. This will obviously give the institute employees an opportunity to take part both in implementation of different physics experiments and in applied studies more efficiently.

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