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Status of the BM@N STS module assembly

Friday, 23 October 2020 16:00 (20 minutes)

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BM@N experiment at Nuclotron in Dubna is currently being upgraded for a study of dense nuclear matter in heavy ion collisions. One of the major upgrades is a new hybrid tracking system consisting of four large-aperture Silicon Tracking Stations (STS) and seven GEM planes. STS is based on modules equipped with double-sided microstrip silicon sensors developed for the FAIR/CBM experiment. The BM@N STS consist of 292 silicon modules. Original technological workflow and first results of the module assembly for the BM@N STS developed by the JINR working group at VB LHEP are presented.

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