

Status of the BM@N STS module assembly

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BM@N experiment at Nuclotron in Dubna is currently being upgraded for the study of dense nuclear matter in heavy-ion collisions. One of the major upgrades is a new hybrid tracking system consisting of large-area Silicon Tracking System (STS) with fast data-driven readout to be installed in-front of seven GEM planes currently partially installed. The STS contains of four position-sensitive stations built of modules with double-sided microstrip silicon sensors which have been developed for the CBM experiment at FAIR. STS consumes 292 silicon modules the assembly of which is making a challenge. For this task a working group in VB LHEP JINR developed customized methods to be briefly reported along with the workflow description and first results.

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