

## Application of BM@N Si-microstrip detectors at muon stand for testing straw detectors

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After BM@N technical run in spring 2018, the first physical stage of the experiment will begin in 2021. For stop time Silicon tracking modules of BM@N Forward Silicon Detector are applied at muon stand to test and measure R-t characteristics of straw detectors (6 mm diameter, produced by JINR, Dubna) by reconstructing cosmic rays tracks (based on bmnroot software). Muon stand consists of Triggering scintillators, Silicon tracking planes, Straw detectors and Data Acquisition System. Si modules based on Double-sided Silicon Strip Detectors (DSSDs, pitch 95  $\mu\text{m}$  p+ side and 103  $\mu\text{m}$  n+ side, stereo angle between strips is 2.5o) are used as external tracking system in muon stand. General view of stand, Si-modules description and first measurement results are presented.

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