



Contribution ID: 87

Type: **not specified**

## Front-end readout electronics for BM@N STS

*Friday, 23 October 2020 15:00 (20 minutes)*

RFBR grant 18-02-40047

The Silicon Tracking System (STS) of BM@N experiment will be based on modules with double-sided microstrip silicon sensors, which have been developed for the CBM experiment at FAIR. STS will comprise ~600k channels with a fast data-driven readout electronics based on STSXYTER ASIC. ASIC was tested and characterized. A dedicated front-end board with 8 ASICs adopted for the integrational requirements of BM@N experiment was developed.

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**Session Classification:** Parallel session IV