



Contribution ID: 109

Type: Talk

Magnetic field measurement system and stability test of the magnetic field in the main magnet in BM@N experiment.

Friday 10 November 2017 12:40 (20 minutes)

One of the main purpose of the work was to create magnetic field measurement system which could make a stability tests of the magnetic field in electromagnets. When system has been already created, the stability test of the main magnet (directing magnet) was made. Next step of the work was to create another magnetic field measurement system which could make measurements of the Earth's magnetic field. Last step was the integration this two systems with the Slow Control System.

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Session Classification: Session 2; 10-nov 2017;

Track Classification: Student program: TeFeNica, Team for the Future of NICA Dubna 2017