

## **HILAC-Booster transport channel: beam diagnostics and the magnetic elements power supply**

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The new LHEP JINR linear accelerator HILAC is the main element of the NICA heavy ion injector. The HILAC-Booster beam transport channel contains dipole magnets, quadrupole lenses, a debuncher, a set of steerers and beam diagnostics elements. The magnetic elements power supply, the beam profile measurement system and its software are described.

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