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Modernization of electronic units of RF stations of the Nuclotron NICA

The Nuclotron is the main installation of the Joint Institute for Nuclear Research (JINR) in the Laboratory of High Energy Physics named after. V. I. Veksler and A. M. Baldin. It is designed to produce beams of multiply charged ions, as well as protons and polarized deuterons. This highly focusing synchrotron was built in Dubna in 1987-1992. The Nuclotron serves as a link between the booster injection complex and the collider, which makes the quality of the beam critically dependent on the operation of radio frequency stations. For the new session, as part of the first stage of modernization of the Nuclotron electronics, electronic units were modernized, including an adjustable amplifier and a phase. detector.

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Section

Nuclear physics (Section 1)

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