## LNP-1

## DESIGN AND MANUFACTURING STATUS OF SUPERCONDUCTING MAGNET FOR MULTI-PURPOSE DETECTOR AT NICA COLLIDER

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The main scientific project being created at the Joint Institute for Nuclear Research is Nuclotronbased Ion Collider fAcility (NICA). One of the main elements of this complex is a multi-purpose detector, created on the basis of a large superconducting solenoidal magnet with a diameter of 5.2 m. The magnet will operate at a temperature of 4.5 K and a nominal magnetic field of 0.5 T. This publication describes the parameters of the magnet, a description of its subsystems, as well as manufacturing status.