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Status of the project NICA at JINR

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The study of the heavy ion collisions is of the great interest in high energy physics due to expected phase transition from the nucleons to the quark gluon plasma. But to have a full picture of the effect there is a lack of experimental data at low energy region for the nuclei-nucleus collisions. The goal of the NICA project at JINR is to cover the collision energy range from 2 GeV/n to 11 GeV/n for the collisions of the protons and nuclei up to gold. The fixed target and collider NICA experiments will provide data with good quality and enough statistics to clarify physics of this phenomenon.

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