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Title: Overview of RHIC-SPIN Program

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Overview of RHIC-SPIN Program

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Since 2001, the RHIC at BNL has been running a program of colliding polarized proton-proton at centre of mass energy up to 500GeV, with beam polarization up to about 60%. It is the world first high-energy polarized proton-proton collider. The goals of RHIC-SPIN physics program are to determine the gluon's contribution to the proton spin, and the flavor identified quark and anti-quark distributions inside the polarized proton; and study spin asymmetries in transversely polarized proton-proton collisions. The latest results and future prospects from RHIC experiments will be discussed.

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