

Recent Highlights of PHENIX Results at RHIC

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Driven by the motivations of understanding the properties of the quark-gluon plasma (QGP) and the structure of nucleons, two major research programs, the Heavy-Ion program and Spin program, were established in the PHENIX experiment at the Relativistic Heavy Ion Collider (RHIC) facility. RHIC can collide a large variety of nuclear species from $p + p$ to $U + U$, and is currently the only collider that can produce polarized $p + p$ collisions. In this talk we present highlights of recent measurements from PHENIX. For the Heavy-Ion program, we will discuss the latest results on particle collectivity and hard probes, in order to understand the bulk and fine structure of the QGP and to push the limit of QGP formation in small systems and at low energies. For the Spin program, we will present latest results on longitudinal and transverse spin effects in the nucleon.

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