



Contribution ID: 163

Type: **Talk**

Overview of the PHENIX spin results

Thursday 10 September 2020 18:35 (25 minutes)

The PHENIX experiment takes full advantage of polarized proton collisions provided by the Relativistic Heavy Ion Collider to probe the spin structure of the proton. The PHENIX Spin program studies the gluon and sea quark helicity distributions as well as transverse spin phenomena via various spin observables using longitudinally and transversely polarized proton collisions.

In addition, recent data in transversely polarized proton and nucleus collisions extends these measurements and allows one to study nuclear effects in the asymmetry measurements.

In this talk, recent highlight of the PHENIX spin program will be presented.

Is this abstract from experiment?

Yes

Internet talk

Yes

Name of experiment and experimental site

PHENIX Collaboration <https://www.phenix.bnl.gov/>

Is the speaker for that presentation defined?

Yes

Details

Sanghwa Park, Postdoctoral Researcher, Stony Brook University, <http://www.physics.sunysb.edu/Physics/>

Primary author: PARK, Sanghwa (Stony Brook University)

Presenter: PARK, Sanghwa (Stony Brook University)

Session Classification: Workshop on Heavy Ion Physics