

# XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



Contribution ID: 248

Type: **Contributed Talk**

## Longitudinal double spin asymmetry measurements at PHENIX

*Tuesday, 24 March 2020 12:00 (20 minutes)*

Measuring the gluon spin contribution to the proton spin has been one of the main goals of the RHIC spin program. The PHENIX experiment has extracted double longitudinal spin asymmetries which are sensitive to the gluon spin contribution at intermediate  $x$  starting at around 0.01 for central rapidity measurements and even lower for forward measurements. The latest results from the data taking period with the highest collision energy of  $\sqrt{s}=510$  GeV, at central rapidities will be reported, including charged and neutral pions as well as the status of the jet asymmetry analysis

**Primary author:** DAVID, Gabor (SBU)

**Presenter:** PATEL, Milap

**Session Classification:** Spin Physics

**Track Classification:** Spin Physics