

## Single spin asymmetry in RHICf

*Thursday 28 September 2017 11:30 (30 minutes)*

Since single spin asymmetry( $AN$ ) was measured,  $AN$  has been useful physical observable value in searching intrinsic structure of nucleon and interactions among nucleons. In case of forward region, One Pion Exchange model and Reggeon exchange model have shown good consensus with  $AN$  from inclusive neutron measurement via PHENIX Zero Degree Calorimetry(ZDC) at RHIC. One of goals in RHICf experiment is to measure  $AN$  in higher  $p_T$  region more precisely. In this talk, I will present latest results related with  $AN$  measurement, especially  $AN$  of forward neutron.

### Relevant topics

Single spin asymmetry of forward neutron

**Author:** Mr PARK, Junsang (Seoul National University/RIKEN)

**Presenter:** Mr PARK, Junsang (Seoul National University/RIKEN)