

## **Review on recent results from RHIC polarized collider; unexpected forward neutron asymmetry**

*Saturday, 30 July 2016 09:15 (40 minutes)*

The polarized proton-proton collider at RHIC provides an unique opportunity to study the spin structure of proton. In this talk, I will present recent study high-lights in longitudinal and transverse spin structure of proton at RHIC. The RHIC spin program lately executed the transversely polarized proton-nucleus collision at high energy. We observed strikingly strong atomic mass number dependence in the observed asymmetry of a forward neutron production. I will discuss about the mechanism of the asymmetry.

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**Session Classification:** Plenary