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Di-Jet Measurement to Constrain Event Kinematics in Longitudinal Polarized Proton-Proton Collisions at STAR TAI SAKUMA, MIT, STAR TEAM — The polarized gluon distribution in the proton, the delta G, is of particular interest to the STAR Spin program. While initial studies have focused on inclusive pion and jet analyses, the recent improvements in RHIC luminosity and polarization enable di-jet analysis as the first correlation analysis to constrain initial event kinematics. With it's large acceptance electromagnetic calorimetery and tracking system, STAR is well suited for this measurement. We report progress towards measurement of di-jet cross section and A_LL in polarized p+p collisions at 200 GeV for RHIC 2005 and 2006 run.

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