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Lambda Polarization at the STAR BES ISAAC UPSAL, OSU, STAR COLLABORATION — Non-central heavy ion collisions provide a system with non-zero total angular momentum which can be transferred, in part, to the fireball via baryon stopping. It has been predicted that this angular momentum will lead to a net spin of emitted particles through coupling with the bulk material. Due to its parity violating decay the Λ is self-analyzing, which allows us to associate the daughter proton decay direction with Λ spin. Ultimately this allows us to use them as a probe of net-particle spin. In this talk we will present preliminary measurements of net Λ polarization from STAR BES program.

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