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Neutral Pion v_2 in Central d+Au Collisions Measured with PHENIX CARLOS PEREZ LARA, Stony Brook University, PHENIX COLLABORATION — The observation of multiparticle correlations in Heavy Ion collisions have long been related to collective behavior in the formed medium. Recent results at RHIC provide strong arguments for QGP formation in smaller systems. In this talk, I present the status of the Neutral Pion second harmonic coefficient v_2 as a function of transverse momentum for very central d+Au collisions at 200 GeV. The data was recorded during the 2016 operational period in PHENIX. The analysis makes use of the central rapidity electromagnetic calorimeter. The results provides strong insight into the dynamics of the produced hadrons at such scales.

Carlos Perez Lara
Stony Brook University

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