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Pinning Down Low-x Physics With the MPC-EX at RHIC-PHENIX NATHA GRAU, Augustana University, PHENIX COLLABORATION — The evolution of the nuclear parton distribution functions (nPDFs) are an important ingredient to understanding results from heavy ion collisions. A silicon-tungsten preshower detector, the MPC-EX, was added to the front of the existing MPC electromagnetic calorimeter in the PHENIX detector for the 2016 d+Au run. Situated at 3¡—η—¡4 and full azimuth, the MPC-EX will enhance the capabilities of measuring photons and π^0s originating from collisions at large Q^2 and low-x partons in the gold beam. In this talk I will overview the status of the detector in the 2016 d+Au and discuss the current state of analysis and how it is expected to answer open questions regarding the evolution of nPDFs.

Natha Grau
Augustana University

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