

Abstract Submitted
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Assembly and Testing of the FVTX Detector for PHENIX

AARON VEICHT, Columbia University, PHENIX COLLABORATION — The Forward Vertex Detector (FVTX) is a silicon strip detector upgrade to the PHENIX spectrometer. The FVTX consists of two endcaps, each with four planes, and a pitch of 75 micron in the R direction. The endcaps complement another PHENIX upgrade (the central vertex detector, or VTX), and together FVTX endcaps match the PHENIX forward muon arms, covering the same pseudorapidity (approximately $1.2 < |\eta| < 2.4$). When used with the muon tracking system, this detector will allow discrimination between prompt particles, and decay muons from B's, D's, pions and kaons. Production of detector modules has already begun for our 2012 installation, and we will report on the status of assembly, as well as give a brief outline of the testing procedures used during the construction. Bench tests with sources and cosmic ray data will be presented.

Aaron Veicht
Columbia University

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