

Abstract Submitted
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High Voltage Monolithic Active Pixel Sensors for High Energy Electron Beam Compton Polarimetry¹ PREETI PANDEY, MICHAEL GER-
ICKE, Univ of Manitoba, Winnipeg, Canada — Precision polarimetry for high energy electron beams is a crucial aspect of the precision physics experiments that are either under construction or planned at facilities such as Jefferson Laboratory, the EIC (electron-ion collider), or the proposed upgrade for SuperKEKB polarized beam. Compton polarimetry can be implemented as a continuous measurement during data production. The technique is well known and has been used to make the highest precision polarimetry measurements to date ¹

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