

Abstract Submitted
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Systematic effects on photon measurement in ATLAS DAVID JOFFE, Southern Methodist University, ATLAS COLLABORATION — The LAr calorimeter in ATLAS is designed to measure the energy and momenta of electromagnetic particles with very high precision. We summarize the systematics that affect the precision of photon measurements: calibration, noise, material effects, photon conversions and primary vertexing. We then discuss strategies for using early data to improve measurement precision.

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