

Abstract Submitted
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The BaBar Limited Streamer Tubes Detector QUINCY WONG,
Ohio State University, BABAR COLLABORATION — We have replaced the Resistive Plate Chambers in the gaps of the BaBar Instrumented Flux Return, used to detect muons and neutral hadrons, with plastic Limited Streamer Tubes (LST). After extensive detector R&D and testing we adopted a modular and robust design that provides a high degree of reliability and redundancy combined with easy maintainability. In this presentation we will discuss the design, the construction and the performance of the BaBar LST detector.

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