

Abstract Submitted  
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**Dark Photons at LHCb**<sup>1</sup> MIKE WILLIAMS, Massachusetts Inst of Tech-MIT, LHCb COLLABORATION — Searches at the LHCb experiment for the proposed dark sector analog of the photon will be presented. LHCb has world-leading sensitivity to various hypothetical vector particles over sizable mass regions, including the dark photon. Planned future upgrades and the resulting physics prospects will also be discussed.

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