

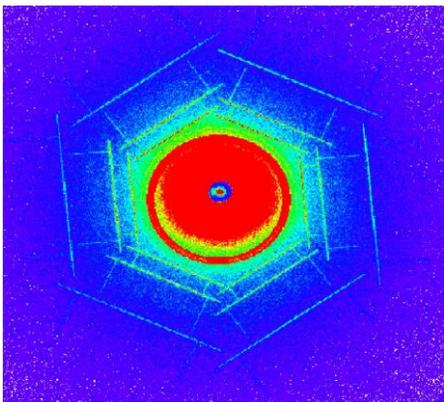
Journal Club

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Searches for long-lived particles with a displaced-vertex signature

Many new-physics models predict collider production of particles with lifetimes of order picoseconds to nanoseconds, which would give rise to a distinct displaced-vertex signature. After a review of the physics motivation for such particles, I will focus on two recent searches, performed with ATLAS and BABAR data.



Friday,
Feb. 19, 2016
4:00pm
301 Physical Sciences Bldg.