

Abstract Submitted
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Search For Astrophysical Jets Using VERITAS Data Of Markarian 421 BRIANNA THORPE, Arizona State University, DAVID KIEDA, ANDY SMITH, University of Utah, VERITAS COLLABORATION — The signature of the emergence of a jet in a galactic object could manifest itself by the change in position of the object. Observations of such an effect would require clear evidence that the telescope pointing had not changed during the time that the change was observed. This can be studied through detailed observations of the location of bright extragalactic gamma ray sources such as Markarian 421. I helped to provide a lower bound on the probability of the emergence of a jet in a galactic object by examining systematic shifts in observations of Markarian 421.

Brianna Thorpe
Arizona State University

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