

Abstract Submitted  
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**Muon Detection with a Ring Imaging Cerenkov Radiation Detector** KRISTINA PRITCHARD, SHEMAIAH KHOPANG, Missouri Southern State University — Our goal is to measure the cosmic muon spectrum. We are developing a low-cost RICH detector by the modification of a digital camera. The detector will be suitable for a low budget laboratory. I will discuss the engineering and materials selection involved in building the detector from commercial off the shelf equipment, and present examples of the data obtained.

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