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Latest Updates from the AlCap Experiment

Friday, 1 June 2018 14:40 (20 minutes)

The AlCap experiment is a joint venture between the COMET and Mu2e collaborations to measure the rate and spectrum of particles emitted after nuclear muon capture on aluminium. Both collaborations will search for the charged lepton flavour violating process of neutrinoless muon-to-electron conversion by stopping muons in an aluminium target and so knowledge of other particles emitted during this process is important. The AlCap charged particle emission data was collected at the Paul Scherrer Institut in Switzerland over two runs in 2013 and 2015. In this talk, the experiment will be described and results will be presented.

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Collaboration name

AlCap Collaboration

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