

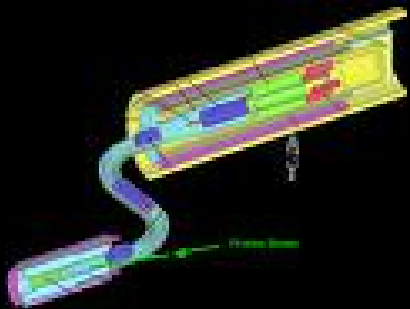
CU PHYSICS DEPARTMENT PARTICLE SEMINAR

Wednesday, March 12, 2008 705 Pupin Hall 1:00 PM



"A muon to electron conversion experiment at Fermilab"

Charged lepton flavor violation (CLFV) is a nearly universal feature of Beyond-Standard-Model physics. In particular, the conversion of a muon to electron after capture on a nucleus would be a clean and unambiguous signature for new physics. We propose an experiment to run at Fermilab after the end of the current collider program, which would represent an increase in sensitivity of at least four orders of magnitude over previous experiments.



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