LABORATORY FOR ELEMENTARY-PARTICLE PHYSICS (LEPP)

Journal Club

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Measuring Electron and Proton Electric Dipole Moments

Any measurably large electric dipole moment (EDM) of the electron or proton would contradict the standard model, but could be consistent with the matter/antimatter imbalance observed in the universe. (As yet unproven) resonant polarimetry will enable frequency domain determination of these EDMs in frozen-ring storage rings. A program for accomplishing these goals is described.

Friday, October 16, 2015

4:00pm

301 Physical Sciences Bldg.