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【367】Muonium Spectroscopy

Thursday, September 2, 2021 3:45 PM (15 minutes)

I will introduce here the MuMASS experiment, aiming to improve the current results on the Muonium Lamb Shift and the 1S-2S frequency measurements by orders of magnitude. I will present our most recent results of the Lamb Shift determination, which could already set competitive limits on New Physics, in particular on possible CPT and Lorentz violations. I will conclude with the current state of our Muonium 1S-2S experiment, focusing on the latest tests of the detection system.

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