

The Mu-MASS Experiment - Status and Outlook

Wednesday 12 June 2024 18:00 (2 hours)

Muonium is a purely leptonic bound state of an anti-muon and an electron and is an excellent candidate to probe bound state QED and search for new physics beyond the Standard Model. The Mu-MASS experiment at PSI aims to improve the Muonium 1S-2S transition and Lamb Shift by several orders of magnitude. I will present the experiment's progress, focusing on new advances in our understanding of muonium sources as well as the outlook for the experiment.

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Session Classification: Poster Session 2