

A search for a muon to electron conversion in COMET

martedì 16 maggio 2023 10:35 (25 minuti)

A COMET experiment aims to search for the muon to electron conversion with aluminium nuclei with four orders of magnitude improved upper limit sensitivity than the current one at J-PARC, JAPAN. The experiment recently completed the new proton beamline and performed the muon transportation using a curved solenoid called phase-alpha. In this presentation, we will present the preliminary result from phase-alpha, the preparation status for the intermediate sensitivity experiment, COMET phase-I, and the ultimate target of COMET phase-II.

Autore principale: FUJII, Yuki

Relatore: FUJII, Yuki

Classifica Sessioni: Plenary