



Séminaire du Laboratoire de l'Accélérateur Linéaire

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KEK

Jour inhabituel

Lundi 5 Décembre 2011 à 11 :00

Search for Charged Lepton Flavor Violation with Muons at J-PARC

Charged lepton flavor violation (CLFV) with muons has attracted much attention from theorists and experimentalists in particle physics. Its physics motivation and experimental prospects are discussed. In particular, the J-PARC E21 experiment (called COMET) to search for a CLFV process of muon to electron conversion at a single event sensitivity of 10^{-17} is presented. It would be about 10,000 improvement over the previous limit. The COMET experiment is stage-1 approved at J-PARC. The R&D status of COMET is presented.

Auditorium Pierre Lehmann du LAL - Bât. 200, Orsay

Thé et café seront servis 1/4 h avant le séminaire

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