Contribution ID: **58** Type: **not specified**

Status of Pion Decay Experiments

The present status of pion decay experiments will be discussed.
The focus will be on precision tests of electron-muon universality
in weak interactions via measurements of the branching ratio
R=(pi−>e nu)/(pi ->mu nu). A recent TRIUMF measurement provided an
improved precision of 0.12 % in the ratio of g_e/g_mu. A further
improvement is expected in the future analysis based on more data.

Summary

Primary author: Dr NUMAO, Toshio (TRIUMF)

Presenter: Dr NUMAO, Toshio (TRIUMF)