Contribution ID: 341 Type: Parallel

## Study of the Lorentz structure of tau decays and the rare tau decays from Belle

Saturday 7 July 2018 16:50 (20 minutes)

We evaluate the Michel parameters of  $\tau$  decays using the full data sample of Belle. This is important to reveal the Lorentz structure of  $\tau$  leptonic decays, which includes not only the V - A interaction but also contributions from scalar, tensor and others that may arise from New Physics, thus testing lepton universality as well. We use both tau+  $\rightarrow$  l+ nu nu and tau+  $\rightarrow$  l+ gamma nu nu. We also measure branching fractions of  $\tau$  decays into three charged leptons and two neutrinos as well as charged pion, lepton-pairs and a neutrino. Recently, their precise theoretical prediction of the branching fractions are given (O(10^-5 .. -7)) and the statistics of the Belle data allows us to achieve the first observation for them.

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Session Classification: Quark and Lepton Flavor Physics