Type: Oral

QED effects in muon charge asymmetry near Z peak

Tuesday, 12 April 2016 13:55 (20 minutes)

Analysing the size and theoretical uncertainty of both interference and non-interference effects in angular distribution on muon pair produced near Z resonance for the purpose of measurement of $\alpha_{QED}(M_Z)$. Estimating theoretical (h.o.) uncertainties limiting the precision of this measurement.

Primary author: JADACH, Staszek (Polish Academy of Sciences (PL))Presenter: JADACH, Staszek (Polish Academy of Sciences (PL))Session Classification: Physics of FCC-ee

Track Classification: Physics