

Baryon/Lepton number violation searches at BESIII

The observed matter-antimatter asymmetry in the universe composes a serious challenge to our understanding of nature. In various experiments, BNV/LNV decays have been searched for to understand this large-scale observed fact, and few in the case of collision experiments are performed. In this talk, we present recent results to search for BNV and LNV decays from charmed meson, hyperons and light hadrons at the BESIII experiment.

Primary authors: LIU, Beijiang (Institute of High Energy Physics, Chinese Academy of Sciences); WANG, Tengjiao (Nankai University)

Presenter: WANG, Tengjiao (Nankai University)