Contribution ID: 39 Type: not specified

BSM search in KamLAND

Monday, 3 June 2024 15:30 (30 minutes)

 $KamLAND-Zen \ is \ an \ experiment \ that \ searches \ for \ neutrino \ less \ double-beta \ decay \ of \ 136Xe \ with \ xenon \ loaded \ liquid \ scintillator.$

Other BSM searches in KamLAND include the emission of majoron in neutrino less double-beta decay and the excited states of dark matter.

In this talk, I will talk these three BSM searches in KamLAND.

Primary author: HATA, Kazumi (Tohoku University)

Presenter: HATA, Kazumi (Tohoku University)

Session Classification: Plenary 4