Contribution ID: **275** Type: **Poster etc.**

Search for proton decay with Super-Kamiokande

The Super-Kamiokande (SK) detector, a large water Cherenkov detector, is well-suited to proton decay searches, with 7.5×10^{33} protons in the 22.5 kiloton fiducial volume.
SK has been carried out searches for proton (nucleon) decay via many decay modes, like
$p \to e^+\pi^0$, $p \to \mu^+\pi^0$, $p \to \bar{\nu}K^+$, and many other decay modes.
This poster presentation overviews the recent experimental results on nucleon decay searches with Super-Kamiokande.

Authorship annotation

for the Super-Kamiokande collaboration

Session and Location

Wednesday Session, Poster Wall #162 (Ballroom)

Poster included in proceedings:

yes

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Track Classification: Poster (not participating in poster prize competition)