

Status of Proton Decay Searches

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Baryon number violation has been a subject of experimental and theoretical scrutiny for decades. Although it has not been detected so far, the next generation of large neutrino detectors will seek to improve upon the limits set by past and current experiments and will cover a range of lifetimes predicted by several Grand Unified Theories. In this talk, we will summarize theoretical motivations and experimental aspects of searches for baryon number violation in neutrino experiments.

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