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Searches for neutrinoless double beta decay with Xe-136

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Xenon-136 provides a promising candidate isotope for observing neutrinoless double beta decay ($0\nu\beta\beta$) given its relatively high natural abundance, ease of enrichment, and ability to be employed in a variety of detection technologies. I will review the status and plans for current and future searches for $0\nu\beta\beta$ using Xe-136, including the EXO, KamLAND-Zen, NEXT, and PandaX experiments. These searches currently provide some of the most sensitive existing constraints on $0\nu\beta\beta$, while next-generation searches using Xe-136 will substantially improve sensitivity as these technologies are extended to the ton-scale and beyond.