

Xenon Detectors for Double Beta Decay

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In this talk I will review the detection technologies which use ^{136}Xe to search for double beta decay. I will discuss liquid and gas TPCs, as well as liquid scintillator/xenon experiments, and briefly review their benefits and challenges of each. A focus will be given to ongoing R&D by double beta decay collaborations as they strive to develop a ton-scale-capable technology.

Primary author: Dr JONES, Benjamin (UTA)

Presenter: Dr JONES, Benjamin (UTA)

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