

Workshop on Xenon Detector $0\nu\beta\beta$ Searches: Steps Towards the Kilotonne Scale

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Type: **Invited talk**

Neutrinoless double beta decay with Theia

Thursday, 26 October 2023 12:25 (25 minutes)

This talk will present plans and prospects for a next-generation neutrinoless double beta decay search with Theia, a novel hybrid Cherenkov+scintillation neutrino detector. Sensitivity to a broad program of additional physics will be presented, along with progress in R&D and technology demonstrations.

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Session Classification: Physics program of multi-tonne detectors