



Contribution ID: 75

Type: **Parallel talk**

CDEX-300 ν program searching for Ge-76 neutrinoless double beta decay

Wednesday, 5 July 2023 16:35 (25 minutes)

Low background germanium detectors with excellent energy resolution are advantageous to search for ^{76}Ge neutrinoless double beta decay process. We proposed an experimental program, CDEX-300 ν , using ^{76}Ge enriched broad energy germanium detectors at China Jinping Underground Laboratory (CJPL). In this talk, I will focus on the preconceptual design and plan of the CDEX-300 ν . The preliminary R&D progress of detectors, electronics and low background techniques will also be introduced.

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Session Classification: Parallel talks 4: Neutrino Physics