Contribution ID: 40 Type: Oral

Results from the GERDA experiment

Monday, 9 September 2013 14:00 (20 minutes)

GERDA searches for neutrinoless double beta decay of Ge-76. Diodes from the former Heidelberg-Moscow and IGEX experiments as well as new ones with small area contacts have been operated in the first phase of the experiment. A blind analysis has been performed. After all selections and calibrations were finalized, the unblinding took place in June. The result from this phase is presented. It includes a discussion of the background sources and the pulse shape analysis.

Primary author: SCHWINGENHEUER, B. (Max Planck Heidelberg)

Presenter: SCHWINGENHEUER, B. (Max Planck Heidelberg)

Session Classification: Double Beta Decay/ Neutrino Mass I

Track Classification: Double Beta Decay