Results on neutrinoless double beta decay from GERDA phase I

Prof. Dr. Manfred Lindner Max-Planck-Institut für Kernphysik, Heidelberg

After motivating searches of double beta decay and lepton number violation details about the construction, operation and analysis of GERDA will be given.

Results of the recently completed phase I of data taking will then be presented and interpreted. Finally an outlook on future plans will be given.