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Postdoctoral position in astroparticle physics at the University of Zurich

The Experimental Astroparticle Physics Group at the University of Zurich invites applications for a postdoctoral position to participate in the GERDA neutrinoless double beta decay experiment. The experiment, which is currently under operation at the Gran Sasso Underground Laboratory in Italy, aims to reveal the nature of neutrinos and measure the effective Majorana neutrino mass by observing a rare nuclear decay process in high-purity germanium detectors enriched in 76-Ge. The successful candidate is expected to play a leading role in the calibration of the experiment, in Monte Carlo simulations and data analysis for Phase II, as well as in R&D work in the Zurich astroparticle physics laboratory.

A recent PhD in astroparticle physics, high-energy physics or a related field is required. Experience with high-purity Ge detectors, cryogenic systems, low-background techniques, data analysis and Monte Carlo simulations will be advantageous. Applicants should send a curriculum vitae, a list of publications and a statement of research to Prof. Laura Baudis, Physics Institute of the University of Zurich, Winterthurerstr. 190, CH-8057 Zurich, Switzerland. They should arrange for three letters of recommendation to be sent to the same address. For full consideration, completed applications including reference letters should be received by February 29, 2016. Applications received after that date will be considered until the position is filled.