

GSI - FAIR Colloquium

Main Lecture Hall (SB1 1.120), 64291 Darmstadt, Planckstraße 1

*Tuesday, May 17, 2016,
16:15 Uhr (Tee ab 15:45)*

Pre-colloquium for students at 15:30

*Bernhard Schwingenheuer
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Neutrinoless double beta decay search with ^{76}Ge

The search for neutrinoless double beta decay might be the only window to observe lepton number violation and is therefore considered to be of highest relevance. The isotope ^{76}Ge has historically been most important for this search and the ongoing experiment GERDA has the lowest background of all experiments in the field. The talk reviews the motivation, the current status of experiments and future programs.

Einladende: Silvia Masciocchi

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