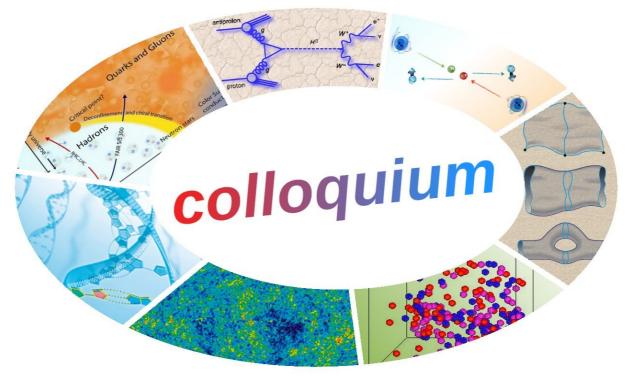


Dipartimento di Fisica e Sezione INFN di Torino





Giovedì 1 Giugno 2017, ore 14:30, Sala Wataghin Riccardo Brugnera (Università di Padova)

Neutrinoless double-beta decay searches with ⁷⁶Ge

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 ⁷⁶Ge 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 GERDA experiment and future programs.