

Speakers Bureau

Leonid Bezrukov, Igor Kirpichnikov, Carla
Cattadori, Stefan Schoenert

Exhaustive list of conferences, but obviously not complete...

Gerda Home Page - Mozilla Firefox
http://www.mpi-hd.mpg.de/ge76/

GERDA
The GERmanium Detector Array
for the search of neutrinoless double beta decay in ^{76}Ge
at the Laboratori Nazionali del Gran Sasso (LNGS), Italy

Home
Contact
Meetings
Diploma & PhD Theses
Publications
Task groups
Useful Links
Internals
Impressum

The GERDA experiment has been proposed in 2001 for a ^{76}Ge double-beta decay experiment at LNGS. The proposal foresees the installation at LNGS of a few hundred germanium detectors made out of isotopically enriched ^{76}Ge material which will be operated inside a cryogenic fluid. The facility will be located in Hall A of LNGS and will be used for the search of neutrinoless double beta decay of ^{76}Ge with a sensitivity of $T_{1/2} > 10E2$ years at a confidence level, corresponding to a range of effective neutrino mass $< 0.09 - 0.20$ eV within 3 years. In proposed experiment will be a pioneering low-level background experiment which will demonstrate the possibility of reducing backgrounds by 2-3 orders of magnitude below the state-of-the-art.

Progress Report to the LNGS SC
September 2005, Version 1.0
pdf: 1.2 MB
March 2005, Version 1.1
pdf: 1.1 MB

top μ -veto
water
neck

GERDA - The GERmanium Detector Array for the search of neutrinoless double beta decay in ^{76}Ge at LNGS

Getting Started Latest Headlines

Internal GERDA documents

Conferences 2006

GERDA Scientific / Technical Reports (GSTR):

2004
Intrinsic background estimate of H4-Moscow detectors (B. Schwengelsbruer) [pdf]

2005
GSTR-05-001: Safety review and operational procedures of the LArGe laboratory set-up at MPE (M. Di Marco, P. Fedler, S. Schonert)
GSTR-05-002: Using MaGe for the Simulation of the Gerda Experiment (Kevin Kroeninger, Xiang Liu, Luciano Pandola, Claudia Trossi) [pdf]
GSTR-05-003: Moon background evaluation for GERDA (Luciano Pandola, Claudia Trossi) [pdf]
GSTR-05-004: Initial Results From The Gerda Monte Carlo Simulation (Kevin Kroeninger, Xiang Liu) [pdf]
GSTR-05-005: First Monte Carlo Studies of Calibration Sources for the Gerda experiment (Kevin Kroeninger, Xiang Liu) [pdf]
GSTR-05-006: Cleaning of Copper (G. Zuzel) [pdf]
GSTR-05-007: Comparison of DMaGe-MC simulation with experimental data (Luciano Pandola, Kevin Kroeninger, Xiang Liu)

Conferences 2006 - Mozilla Firefox
http://www.mpi-hd.mpg.de/ge76/internal/conferences_2006.htm

Getting Started Latest Headlines

Conferences 2006

February

III International Workshop on NO-VE "Neutrino Oscillations in Venice"
Venice (Italy)
February 7-9
http://amnd4.rdg.infn.it/NO-VE2006/bulletin1_NOVE2006-w.htm
Speaker: (name to be inserted)
Transparencies: (copy of transparencies to be linked here)

2006 Winter Conference On Particle Physics: Particle Physics On The Verge Of Discovery
Aspen (USA)
February 12-18
<http://conferences.fnal.gov/aspen/2006/>

March

XX Rencontres de Physique de la Vallée d'Aoste
La Thuile (Aosta Valley, Italy)
March 5-11
http://www.pi.infn.it/thuile/thuile_2006.html
registration deadline: February 3

Some rules

- If you intend to participate at a conference, contact Leonid by email:
bezrukov@ms2.inr.ac.ru
- Speaker's bureau will coordinate (check whether there are other people interested; make sure that GERDA talks are distributed in a fair way amongst GERDA groups; make sure that conference fits to speaker & vice versa;)
- If you receive a (personal) invitation, contact speakers bureau and discuss with them whether you wish to accept this or pass it on to the collaboration

Some rules (continued)

- Post your transparencies well ahead - ca. one week prior to the conference - on the (internal) web and inform collaboration
- Have rehearsals with senior member of your group
- After conference: post your transparency on GERDA conference web page
- Follow rules of editorial board