

July 10, 2011

# GERDA

## the GERmanium Detector Array



## List of Publications

### talks and posters

1. *The GERmanium Detector Array (GERDA) for the search of ndbd decays of  $^{76}\text{Ge}$  at LNGS*, S. Schönert for the GERDA collaboration, talk at NOW 2004, Otranto, 2004.
2. *A new Double Beta Decay Experiment at Gran Sasso*, H. Simgen for the GERDA collaboration, poster at Neutrino04, Paris, May 2004.
3. *GERDA. A GERmanium Detector Array for the search for neutrinoless bd in  $^{76}\text{Ge}$* , L. Pandola for the GERDA collaboration, talk at PANIC, Santa Fe, 2005.
4. *GERDA: a germanium detector array to search for neutrinoless double beta decay*, E. Bellotti for the GERDA collaboration, talk at TAUP, Zaragoza, 2005.
5. *GERDA, the GERmanium Detector Array for the search of neutrinoless bd of  $\text{Ge-76}$* , K. T. Knoepfle for the GERDA collaboration, talk at HEP2005, 2005.
6. *Low-level techniques applied in BOREXINO and GERDA*, G. Heusser for the GERDA collaboration, talk at TAUP, Zaragoza, 2005.
7. *MaGe: A MC framework for the Gerda and Majorana dbd experiments*, M. Bauer for the GERDA collaboration, poster at TAUP, Zaragoza, 2005.
8. *Selected Topics of GERDA Status: Mechanics and Electronics*, B. Schwingenheuer for the GERDA collaboration, talk at Majorana, Santa Fe, 2005.
9. *Status of GERDA for the search of neutrinoless dbd of  $^{76}\text{Ge}$  at LNGS*, S. Schönert for the GERDA collaboration, talk at Erice 2005, 2005.
10. *Status of the Germanium Detector Array (GERDA) for the Search of neutrinoless  $\beta\beta$  decays of  $^{76}\text{Ge}$  at LNGS*, S. Schönert for the GERDA collaboration, talk at NANP 2005, DUBNA, 2005.
11. *Towards pulse shape analysis for the GERDA experiment*, K. Kröniger for the GERDA collaboration, talk at Erice 2005, 2005.
12. *Ultrapure gases for GERDA*, H. Simgen for the GERDA collaboration, talk at Erice 2005, 2005.
13. *The  $^{76}\text{Ge}$  dbd experiment GERDA at LNGS*, M. Wojcik for the GERDA collaboration, talk at Epiphany, Cracow, 2006.
14. *GERDA - a novel Ge-detector operation technology for neutrinoless dbd*, C. Cattadori for the GERDA collaboration, poster at Elba, 2006.
15. *GERDA - a search for neutrinoless double beta decay*, K. Kröniger for the GERDA collaboration, poster at ISAAP, Munich, 2006.

16. *GERDA - the GERmanium Detector Array*,  
K. Kröniger for the GERDA collaboration, talk at NDM 06, Paris, 2006.
17. *GERDA: a novel Ge-detector operation technology for neutrinoless  $\beta\beta$  decay searches*,  
L. Pandola for the GERDA collaboration, poster at Frontiers, Pisa, 2006.
18. *GERDA. Germanium Detector Array. Search for Neutrino-less  $\beta\beta$  Decay of  $^{76}\text{Ge}$* ,  
A. Bettini for the GERDA collaboration, talk at NOW, Otranto, 2006.
19. *The GERDA Neutrinoless Double-Beta Decay Experiment*,  
B. Majorovits for the GERDA collaboration, talk at IDM 06, Rhodes, 2006.
20. *GERDA of  $^{76}\text{Ge}$* ,  
H. Simgen for the GERDA collaboration, talk at IDEA, Milano, 2006.
21. *GERDA, the GERmanium Detector Array for the search of neutrinoless  $\beta\beta$  of  $^{76}\text{Ge}$* ,  
K. T. Knoepfle for the GERDA collaboration, talk at Hanoi, 2006.
22. *GERmanium Detector Array, GERDA*,  
X. Liu for the GERDA collaboration, talk at SNOW, Stockholm, 2006.
23. *The GERmanium Detector Array read-out: Status and developments*,  
C. Cattadori for the GERDA collaboration, talk at Frontiers, Pisa, 2006.
24. *Germanium Detector Teststands for the GERDA experiment*,  
K. Kröniger for the GERDA collaboration, poster at Yamada, Paris, 2006.
25. *LArGe: Background suppression using liquid argon scintillation for  $0\nu\beta\beta$  decay search in enriched germanium detectors*,  
M. Di Marco for the GERDA collaboration, talk at IPRD06, Siena, 2006.
26. *Muon Induced Signals and Isotope Production in GERDA*,  
L. Pandola for the GERDA collaboration, talk at LRT, Aussois, 2006.
27. *Neutrinoless  $\beta\beta$  of  $^{76}\text{Ge}$  with GERDA*,  
L. Niedermeier for the GERDA collaboration, talk at NPAE, Kiev, 2006.
28. *New techniques in  $0\nu\beta\beta$  germanium experiments*,  
S. Schönert for the GERDA collaboration, talk at Neutrino, Santa Fe, 2006.
29. *Operation of a prototype detector for GERDA Phase I*,  
M. Barnabe-Heider for the GERDA collaboration, poster at ISAAP, Munich, 2006.
30. *Photon Identification with Segmented Detectors*,  
I. Abt for the GERDA collaboration, talk at LRT, Aussois, 2006.
31. *Status of the Germanium Detector Array (GERDA) for the Search of neutrinoless  $\beta\beta$  decays of  $^{76}\text{Ge}$  at LNGS*,  
C. Cattadori for the GERDA collaboration, poster at Neutrino, Santa Fe, 2006.
32. *Das GERDA Experiment*,  
H. Simgen for the GERDA collaboration, talk at Spring DPG-TP, Heidelberg, 2007.
33. *Das Muonveto für GERDA*,  
M. Knapp for the GERDA collaboration, talk at Spring DPG-TP, Heidelberg, 2007.
34. *Gamma spectroscopy for material screening I*,  
D. Budjas for the GERDA collaboration, talk at PC2007, Baksan, 2007.
35. *Gamma spectroscopy for material screening II*,  
M. Heisel for the GERDA collaboration, talk at PC2007, Baksan, 2007.
36. *GERDA: GERmanium Detector Array searching for  $0\nu\beta\beta$  decay*,  
Xiang Liu for the GERDA collaboration, talk at B-L, Berkeley, 2007.
37. *The GERDA Neutrinoless double beta decay experiment*,

- S. Schönert for the GERDA collaboration, talk at Precision, PSI, 2007.
38. *The GERDA Neutrinoless Double Beta-Decay Experiment*,  
B. Majorovits for the GERDA collaboration, talk at Medex07, Prag, 2007.
  39. *The GERmanium Detector Array*,  
K. Kröniger for the GERDA collaboration, talk at HEP2007, Manchester, 2007.
  40. *Germanium detector studies with a GERDA Phase II prototype detector*,  
Jing Liu for the GERDA collaboration, talk at Spring DPG-TP, Heidelberg, 2007.
  41. *Limit on the radiative neutrinoless ECEC decay of  $^{36}\text{Ar}$* ,  
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  42. *Low-level techniques applied in the experiments looking for rare events*,  
G. Zuzel for the GERDA collaboration, talk at TAUP07, Sendai, 2007.
  43. *Neutrinoless Double Beta Decay - Status of GERDA*,  
L. Niedermeier for the GERDA collaboration, talk at IDEA, Blaubeuren, 2007.
  44. *The neutrinoless double beta decay in  $^{76}\text{Ge}$  at GERDA*,  
P. Grabmayr for the GERDA collaboration, talk at INPC07, Tokyo, 2007.
  45. *The neutrinoless double beta decay in  $^{76}\text{Ge}$  at GERDA*,  
P. Grabmayr for the GERDA collaboration, talk at DBD07, Osaka, 2007.
  46. *Operation of a GERDA phase I prototype detector*,  
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  47. *Operation of a GERDA phase I prototype detector in liquid argon and nitrogen*,  
M. Barnabe Heider for the GERDA collaboration, talk at PC2007, Baksan, 2007.
  48. *Photomultiplier-Tests für das GERDA Myonveto*,  
F. Ritter for the GERDA collaboration, talk at Spring DPG-TP, Heidelberg, 2007.
  49. *Photon identification in double beta-decay experiments using segmented germanium detectors*,  
K. Kröniger for the GERDA collaboration, talk at Spring DPG-TP, Heidelberg, 2007.
  50. *Photon identification in double beta-decay experiments using segmented germanium detectors*,  
K. Kröniger for the GERDA collaboration, talk at Spring DPG-HK, Giessen, 2007.
  51. *Status of GERDA*,  
K. T. Knoepfle for the GERDA collaboration, talk at SNOlab, 2007.
  52. *Status of GERDA*,  
A. Smolnikov for the GERDA collaboration, talk at Workshop, Aarhus, 2007.
  53. *Status of the GERDA experiment*,  
H. Simgen for the GERDA collaboration, talk at TAUP07, Sendai, 2007.
  54. *Status of the GERDA experiment*,  
H. Simgen for the GERDA collaboration, talk at COSMIC MATTER, Würzburg, 2007.
  55. *Status of the GERDA experiment*,  
P. Peiffer for the GERDA collaboration, talk at half-day DBD, Manchester, 2007.
  56. *Status of the GERDA experiment aimed to search for neutrinoless double beta decay of  $^{76}\text{Ge}$* ,  
A.A. Smolnikov for the GERDA collaboration, talk at PC2007, Baksan, 2007.
  57. *A Cryogenic Low-Noise JFET-CMOS Preamplifier for the HPGe Detectors of GERDA*,  
A. Pullia, F. Zocca, S. Riboldi, D. Budjas, A. D'Andragora, and C. Cattadori, poster N30-42 at IEEE Nuclear Science Symposium, Dresden, 2008.
  58. *Das GERDA Myon Veto*,  
F. Ritter for the GERDA collaboration, talk T31.6 at Spring DPG-TP, Freiburg, 2008.
  59. *Design des GERDA Kryostaten*,

- B. Schwingenheuer for the GERDA collaboration, talk T87.6 at Spring DPG-TP, Freiburg, 2008.
60. *Double Beta Decay searches by semiconductor detectors*,  
C. Cattadori for the GERDA collaboration, talk at Neutrino 2008, Christchurch, NZ, 2008.
61. *Effect of IR and UV light on Naked Germanium Detectors*,  
X. Liu for the GERDA collaboration, talk T30.6 at Spring DPG-TP, Freiburg, 2008.
62. *Estimate of the Internal Gamma Background of the GERDA Experiment*,  
D. Lenz for the GERDA collaboration, talk T30.7 at Spring DPG-TP, Freiburg, 2008.
63. *Gammaskopie-Messungen von Edelstahl für GERDA*,  
W. Maneschg for the GERDA collaboration, talk T87.8 at Spring DPG-TP, Freiburg, 2008.
64. *The GERDA Experiment*,  
J. Schubert for the GERDA collaboration, talk T30.4 at Spring DPG-TP, Freiburg, 2008.
65. *GERDA: GERmaniumDetector Array searching for  $0\nu\beta\beta$  decay*,  
X. Liu, talk at NPNAP2008, Trento, 2008.
66. *The GERDA Muon Veto Cerenkov Detector*,  
M. Knapp, talk at NDIP 2008, Aix-le-Bains, 2008.
67. *GERDA: Study of Neutrinoless Double Beta Decay of Ge-76*,  
V. Kornoukov, talk at PANIC08, Eilat, Israel, 2008.
68. *Hybrid Phototubes in Neutrino Telescope: Experience and Perspectives*,  
B. Lubsandhorziev, talk at VLVnT08, Toulon, 2008.
69. *LED based powerful nanosecond light sources for calibration systems of deep underwater neutrino telescopes*,  
B. Lubsandhorziev, talk at VLVnT08, Toulon, 2008.
70. *Neutrino-less double beta decay*,  
M. Lindner for the GERDA collaboration, talk HK32.3 at Spring DPG-HK, Darmstadt, 2008.
71. *neutron capture on  $^{76}\text{Ge}$* ,  
G. Meierhofer, talk at XIII. Capture Gamma-Ray Spectroscopy, Cologne, 2008.
72. *neutron capture on  $^{76}\text{Ge}$* ,  
G. Meierhofer, talk at Deutsche Neutronenstreutagung 2008, Munich, 2008.
73. *Neutron Interactions as seen by segmented Germanium Detectors*,  
J. Liu for the GERDA collaboration, talk T30.5 at Spring DPG-TP, Freiburg, 2008.
74. *Neutron Interactions as seen by segmented Germanium Detectors*,  
J. Liu for the GERDA collaboration, talk HK17.3 at Spring DPG-HK, Darmstadt, 2008.
75. *Operation of a GERDA Phase I prototype detector in liquid Argon*,  
M. Barnabe Heider for the GERDA collaboration, talk T87.9 at Spring DPG-TP, Freiburg, 2008.
76. *Operation of a GERDA Phase I prototype detector in liquid Argon*,  
M. Barnabe Heider for the GERDA collaboration, poster HK34.52 at Spring DPG-HK, Darmstadt, 2008.
77. *Performance of bare high-purity germanium detectors in liquid argon for the GERDA experiment*,  
M. Barnabe Heider, C. Cattadori, O. Chkvorets, A. Di Vacri, K. Gusev, S. Schoenert, and M. Shirchenko, talk N68-7 at IEEE Nuclear Science Symposium, Dresden, 2008.
78. *Pulse shape analysis with a Broad-Energy Germanium detector for the GERDA experiment*,  
D. Budjas, M. Barnabe Heider, O. Chkvorets, S. Schönert, and N. Khanbekov, poster N30-382 at IEEE Nuclear Science Symposium, Dresden, 2008.
79. *Radon emanation measurements in the frame of GERDA*,  
H. Simgen for the GERDA collaboration, talk T68.8 at Spring DPG-TP, Freiburg, 2008.

80. *Risultati sperimentali da 2 anni di presa dati con i cristalli prototipo di GERDA*,  
C. Cattadori, talk at XCIV Congresso Nazionale Societa Italiana di Fisica 2008, Genova, 2008.
81. *Search for neutrinoless double-beta decay of Ge-76 with GERDA*,  
K. T. Knoepfle, talk at ICHEP08, Philadelphia, 2008.
82. *Shell Modell Occupancies in  $^{76}\text{Ge}$  and  $^{76}\text{Se}$  and background reactions*,  
P. Grabmayr, talk at NPNAP2008, Trento, 2008.
83. *Stability of Ge detectors in LAr*,  
A. di Vacri for the GERDA collaboration, poster at Neutrino 2008, Christchurch, NZ, 2008.
84. *Status of GERDA*,  
B. Majorovits for the GERDA collaboration, talk at IDM08, Alba Nova, Stockholm, 2008.
85. *Status of the GERDA experiment*,  
B. Majorovits for the GERDA collaboration, talk at Physics of Massive Neutrinos 08, Milos, 2008.
86. *Status of the GERDA experiment*,  
A. di Vacri, poster at Fermi course CLXX, Varenna, 2008.
87. *Status of the GERDA experiment*,  
J. Janicsko-Csathy, talk at NOW2008, Otranto, 2008.
88. *Test of a Fully Integrated CMOS Preamplifier for HPGe Detectors*,  
S. Riboldi, A. Pullia, F. Zocca, A. D'Andragora, D. Budjas, and C. Cattadori, poster N30-48 at IEEE Nuclear Science Symposium, Dresden, 2008.
89. *Untergrund durch n-Einfang an  $^{76}\text{Ge}$* ,  
G. Meierhofer for the GERDA collaboration, talk T31.5 at Spring DPG-TP, Freiburg, 2008.
90. *Untersuchungen zur Untergrunddiagnose mittels LAr-Szintillatoren bei GERDA*,  
P. Peiffer for the GERDA collaboration, talk T87.7 at Spring DPG-TP, Freiburg, 2008.
91. *Calibration System for GERDA*,  
F. Froberg for the GERDA collaboration, poster at the SSIp9: Revolutions on the Horizon - A Decade of New Experiments, Aug 3-14, 2009, 2009.
92. *The calibration system of the Gerda muon veto Cherenkov detector*,  
F. Ritter, B. Lubsandorzhiev, K. Freund, P. Grabmayr, J. Jochum, M. Knapp, G. Meierhofer, and B. Shaibonov for the GERDA collaboration, poster at the Pisa Meeting on Advanced Detectors, 2009.
93. *Caratterizzazione di un rivelatore Broad Energy Germanium (BEGe) per l'esperimento GERDA*,  
M. Agostini for the GERDA collaboration, talk at the SIF, 2009.
94. *Characterization of a Broad Energy Germanium detector (BEGe) as a Candidate for the GERDA experiment*,  
M. Agostini, E. Belloti, C. Cattadori, A. D'Andragora, A. di Vacri, A. Garfagnini, M. Laubenstein, L. Pandola, and C. Ur, poster at the IEEE-Nuclear Science Symposium, October 25 - 31, 2009, 2009.
95. *Das GERDA Experiment (Group report)*,  
M. Knapp for the GERDA collaboration, talk at the DPG Spring meeting, Munich, March 9-13, 2009, 2009.
96. *Das GERDA Myonveto*,  
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97. *Development and installation of the GERDA experiment*,  
A. Smolnikov for the GERDA collaboration, talk at the TAUP, 2009.
98. *Development of a low neutron emission calibration source for the GERDA experiment*,  
M. Tarka, L. Baudis, E. Belloti, G. Bruno, C. M. Cattadori, R. Dressler, R. Eichler, S. Fattori, A. D. Ferella, F. Froberg, U. Graf, R. Santorelli, and D. Schumann, talk at SSI09, 2009.
99. *First Time Ever: 18-fold Segmented HPGe Detectors in LN<sub>2</sub>*,

- Jing Liu for the GERDA collaboration, poster at the TAUP, 2009.
100. *The GERDA Experiment*,  
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  101. *The GERDA experiment, a search for neutrinoless double beta decay*,  
D. Lenz for the GERDA collaboration, talk at the NMD09, 2009.
  102. *GERDA experiment, A search for neutrinoless double beta decay*,  
R. Santorelli for the GERDA collaboration, talk at the ÖPG/SPG annual meeting, 2009.
  103. *GERDA: GERmanium Detector Array a search for  $0\nu\beta\beta$  decay in  $^{76}\text{Ge}$* ,  
Xiang Liu for the GERDA collaboration, talk at the International Workshop on Dark Matter and Double Beta Decay, June 15-16, 2009, 2009.
  104. *The GERDA Muon Veto Cherenkov Detector*,  
M. Knapp for the GERDA collaboration, poster at the TAUP, 2009.
  105. *The GERDA Muonveto Cerenkov Detector*,  
M. Knapp for the GERDA collaboration, poster at the LowNu09, 2009.
  106. *GERDA Phase II detectors*,  
X. Liu for the GERDA collaboration, talk at the Majorana Collaboration Meeting, PNNL, 2009.
  107. *GERDA, searching for the neutrinoless double beta decay in  $^{76}\text{Ge}$  (Group report)*,  
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  108. *GERmanium Detector Array - search for  $0\nu2\beta$  decay*,  
J. Jochum for the GERDA collaboration, talk at the Erice School, 2009.
  109. *HPGe Detectors for GERDA*,  
K. Gusev, M. Barnabe Heider, C. Cattadori, O. Chkvorets, A. Di Vacri, S. Schönert, and M. Lusenko, talk at Nucleus 2009, 2009.
  110. *A Multi-channel Digital Acquisition System for Nuclear Spectroscopy Experiments*,  
S. Riboldi, F. Zocca, F. Camera, A. Pullia, C. Ur, R. Isocrate, and D. Bazzacco, poster at the IEEE-Nuclear Science Symposium, October 25 - 31, 2009, 2009.
  111. *Neutrinoless Double Beta Decay*,  
S. Schönert, talk at the TAUP, 2009.
  112. *Neutron Activation of  $^{76}\text{Ge}$* ,  
G. Meierhofer for the GERDA collaboration, talk at the DPG Spring meeting, Bochum, March 16-20, 2009, 2009.
  113. *Neutron Activation of  $^{76}\text{Ge}$* ,  
G. Meierhofer, L. Canella, P. Grabmayr, J. Jochum, J. Jolie, and P. Kudejova, talk at the CNR09, 2009.
  114. *New generation of experiments aimed to search for neutrinoless  $\beta\beta$  decay*,  
A. Smolnikov for the GERDA collaboration, talk at the LAUNCH09, 2009.
  115. *Operation of bare HPGe detectors in liquid argon for the GERDA experiment*,  
M. Barnabe Heider for the GERDA collaboration, talk at the DPG Spring meeting, Munich, March 9-13, 2009, 2009.
  116. *Production Chain of Isotopically Modified Ge-diodes for the  $0\nu2\beta$ -Search with Gerda*,  
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  117. *Pulse shape analysis with a broad-energy germanium detector for the GERDA experiment*,  
D. Budjas for the GERDA collaboration, talk at the DPG Spring meeting, Munich, March 9-13, 2009, 2009.
  118. *Pulse Shape Simulation for a GERDA Phase II Prototype Detector*,

- D. Lenz for the GERDA collaboration, talk at the DPG Spring meeting, Munich, March 9-13, 2009, 2009.
119. *Radon emanation measurements of the GERDA inner detector*,  
G. Zuzel for the GERDA collaboration, talk at the DPG Spring meeting, Munich, March 9-13, 2009, 2009.
120. *Results of a PSA with a BEGe Detector for the GERDA  $0\nu\beta\beta$ -decay Experiment*,  
D. Budjas for the GERDA collaboration, talk at the CIPANP2009, 2009.
121. *Search for neutrino-less double beta decay of  $^{76}\text{Ge}$  on the GERDA experiment*,  
M. Wojcik for the GERDA collaboration, talk at the Meeting of the Polish Physical Society (PTF), Sep 6-11, 2009, 2009.
122. *Search of neutrinoless double beta decay of  $^{76}\text{Ge}$  the Germanium Detector Array GERDA*,  
R. Brugnera for the GERDA collaboration, talk at the Europhysics Conference on High Energy Physics, 16-22 July 2009, 2009.
123. *Search of Neutrinoless Double Beta Decay of  $^{76}\text{Ge}$  with the Germanium Detector Array GERDA*,  
A. Garfagnini for the GERDA collaboration, talk at Lomonosov 14, 2009.
124. *Segmented HPGe Detectors for the Search of  $0\nu\beta\beta$  Decay*,  
B. Majorovics for the GERDA collaboration, talk at the Erice School, 2009.
125. *Setup of Cryogenic Front-End Electronic Systems for Germanium Detector Readout*,  
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126. *Spectroscopy Performances of the GERDA Cryogenic Charge Sensitive Amplifier Based on JFET-CMOS ASIC*,  
A. D'Andragora, C. M. Cattadori, A. di Vacri, L. Pandola, M. Junker, A. Pullia, S. Riboldi, F. Zocca, M. Bernabe Heider, D. Budjas, S. Schoenert, K. Gusev, B. Majorovits, and X. Liu, poster at the IEEE-Nuclear Science Symposium, October 25 - 31, 2009, 2009.
127. *Status and Progress of GERDA 'The GERmanium Detector Array'*,  
K. T. Knoepfle for the GERDA collaboration, talk at the DBD09, Hawai, 2009.
128. *Support experiments for GERDA*,  
P. Grabmayr for the GERDA collaboration, talk at the ÖPG/SPG annual meeting, 2009.
129. *Validation of pulse shape simulation for GERDA Phase II prototype detectors*,  
J. Liu for the GERDA collaboration, talk at the DPG Spring meeting, Munich, March 9-13, 2009, 2009.
130. *18-fold segmented HPGe, prototype for GERDA Phase II*,  
Xiang Liu, talk at the Workshop on Germanium-Based Detectors and Technologies, 2010.
131. *Background by Neutron Activation in GERDA*,  
G. Meierhofer, L. Canella, D. Dietrich, K. Freund, P. Grabmayr, A. Hegai, J. Jochum, J. Jolie, M. Knapp, P. Kudejova, and F. Ritter for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
132. *The Calibration System for the GERDA Experiment*,  
F. Froberg for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
133. *Characterization of BEGe detectors in GERDA*,  
M. Agostini, E. Bellotti, L. Baudis, D. Budjas, A. Caldwell, C. M. Cattadori, A. Di Vacri, V. Kornoukhov, A. Garfagnini, P. Grabmayr, M. Hult, J. Jochum, M. Laubenstein, L. Pandola, G. Pivato, S. Schoenert, M. Tarka, C. Ur, and K. Zuber, talk at the Workshop on Germanium-Based Detectors and Technologies, 2010.
134. *Development of a low neutron emission  $^{228}\text{Th}$  source for the calibration of GERDA*,  
M. Tarka for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
135. *Die DAQ für das Gerda Myonveto*,  
F. Ritter, D. Dietrich, K. Freund, P. Grabmayr, A. Hegai, J. Jochum, M. Knapp, and G. Meierhofer

- for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
136. *Doppelter Beta Zerfall: Experimente und das Matricelement-Problem*,  
K. Zuber for the GERDA collaboration, talk at the Astroteilchenphysik in Deutschland, 2010.
  137. *Experimente: GERDA + andere Ge-Projekte*,  
S. Schönert for the GERDA collaboration, talk at the Astroteilchenphysik in Deutschland, 2010.
  138. *GERDA*,  
K. Gusev for the GERDA collaboration, talk at the LX International Conference on Nuclear Physics ‘Nucleus 2010. Methods of Nuclear Physics for Femto- and Nanotechnologies’, 2010.
  139. *GERDA and other semiconductor-based experiments for neutrinoless double beta decay search*,  
M. Barnabe Heider for the GERDA collaboration, talk at the Int. Conference on Neutrino and Astrophysics, 2010.
  140. *GERDA and Photosensors*,  
P. Grabmayr for the GERDA collaboration, talk at the ASPERA Technology Forum - Photosensors and aux. electronics, 2010.
  141. *The GERDA Experiment at Gran Sasso*,  
G. Zuzel for the GERDA collaboration, talk at the EPIP 10, 2010.
  142. *The GERDA Experiment: Status and Perspectives*,  
C. Ur for the GERDA collaboration, talk at the NOW 2010, 2010.
  143. *The GERDA neutrino-less double beta decay experiment*,  
S. Schönert for the GERDA collaboration, talk at the Workshop on Germanium-Based Detectors and Technologies, 2010.
  144. *Homogenität der Nachweiseffizienz von segmentierten Germaniumdetektoren*,  
A. Vauth, A. Caldwell, B. Majorovits, X. Liu, J. Janicsko, J. Liu, and D. Lenz for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
  145. *The Installation of the Gerda Muon Veto*,  
K. Freund, D. Dietrich, P. Grabmayr, A. Hegai, J. Jochum, M. Knapp, G. Meierhofer, and F. Ritter for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
  146. *Low-background aspects of GERDA*,  
H. Simgen for the GERDA collaboration, talk at the Topical Workshop in Low Radioactivity Techniques, 2010.
  147. *Neutron reactions on  $^{76}\text{Ge}$  - Background in neutrinoless double beta decay experiments*,  
G. Meierhofer for the GERDA collaboration, talk at the INPC2010, 2010.
  148. *New results with unsegmented p-type BEGe detectors for GERDA Phase II*,  
M. Agostini, M. Barnabe Heider, D. Budjas, and S. Schönert for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
  149. *Ortsrekonstruktion der Energiedepositionen in segmentierten Germaniumdetektoren mithilfe von Spiegelladungen*,  
A. Caldwell, B. Majorovits, X. Liu, J. Janicsko, J. Liu, D. Lenz, and S. Hemmer for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
  150. *Phase-I detector commissioning*,  
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  151. *Phasenraumfaktor und Kern-Matricelemente für den neutrinoless doppelten Betazerfall in  $^{76}\text{Ge}$* ,  
P. Grabmayr for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
  152. *Procurement, production and testing of BEGe detectors depleted in  $^{76}\text{Ge}$* ,  
M. Agostini, L. Baudis and E. Bellotti, D. Budjas, A. Caldwell, C. Cattadori, A. di Vacri, A. Garfagnini, S. Georgi, P. Grabmayr, A. Hegai, M. Hult, J. Jochum, V. Kornoukhov, L. Pandola, G. Pivato, S. Schönert, M. Tarka, C. Ur, and K. Zuber, talk at the Int. Conference on Neutrino and Astrophysics,

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  154. *Search for neutrino-less double beta decay*, S Schönert for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
  155. *The Search for Neutrinoless Double Beta-Decay*, B. Majorovits for the GERDA collaboration, talk at the 25th Texas Symposium on Relativistic Astrophysics, 2010.
  156. *Simulation and modeling of BEGe detectors for GERDA Phase II*, M. Agostin, C. A. Ur., M. Barnabe Heider, E. Bellotti, D. Budjas, C. Cattadori, A. di Vacri, A. Garfagnini, L. Pandola, and S. Schönert for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
  157. *Temperature dependence of the pulse properties and the leakage current of germanium detectors*, A. Caldwell, D. Lenz, J. Liu, X. Liu, B. Majorovitz, and O. Volynets for the GERDA collaboration, talk at the DPG-HK/T, Bonn, 2010.
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  160. *Commissioning of GERDA*, Jozef Janicsko for the GERDA collaboration, talk at the DPG Spring meeting, Teilchenphysik, 2011.
  161. *Commissioning of GERDA*, Andrey Lubashevskiy for the GERDA collaboration, talk at the DPG Spring meeting, Hadronen und Kerne, 2011.
  162. *Cosmogenic backgrounds for the GERDA experiment*, Luciano Pandola for the GERDA collaboration, talk at the Cosmogenic Activity and Backgrounds Workshop, 2011.
  163. *Development of an anti-Compton veto for HPGe detectors operated in liquid argon using Silicon Photo-Multipliers*, Jozsef Janicsko for the GERDA collaboration, talk at the DPG Spring meeting, Teilchenphysik, 2011.
  164. *First Results of the Gerda Muon Veto*, Kai Freund for the GERDA collaboration, talk at the DPG Spring meeting, Teilchenphysik, 2011.
  165. *The GALATEA test facility*, Sabine Dinter for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.
  166. *GERDA commisioning results and summary of double beta decay projects*, Fabiana Cossavella for the GERDA collaboration, talk at the Rencontres de Moriond, EW Interactions and Unified Theories, 2011.
  167. *The GERDA Experiment: A Search for Neutrinoless Double Beta Decay*, Matthias Junker for the GERDA collaboration, talk at the Nuclear Physics in Astrophysics V, 2011.
  168. *GERMANIUM DETECTOR ARRAY – A search for neutrinoless double beta decay*, Christopher O’Shaughnessy for the GERDA collaboration, talk at the seminar, 2011.
  169. *Irreducible backgrounds specific to HPGe detectors*, Bela Majorovits for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.

170. *Low-Noise JFET-CMOS Preamplifiers for the GERDA Experiment*,  
Andrea Kirsch, Lisa Gamer, Jeschua Geist, Thomas Kihm, and Bernhard Schwingenheuer for the GERDA collaboration, talk at the DPG Spring meeting, Hadronen und Kerne, 2011.
171. *Neutron induced backgrounds and neutron activation measurements of  $^{76}\text{Ge}$* ,  
Peter Grabmayr for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.
172. *Procurement, production and testing of BEGe detectors depleted in  $^{76}\text{Ge}$* ,  
Florian Ritter for the GERDA collaboration, talk at the DPG Spring meeting, Teilchenphysik, 2011.
173. *Production and test of isotopically modified Ge detectors for GERDA*,  
Dusan Budjas for the GERDA collaboration, talk at the Nuclear Instrumentation, Measurement Methods and their Applications, 2011.
174. *Pulse Shape analysis*,  
Fabiana Cossavella for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.
175. *Pulse shape simulation for Bege detectors*,  
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176. *Results of the commissioning phase of GERDA and short status of neutrino-less double beta decay experiments*,  
Jozsef Janicko for the GERDA collaboration, talk at the Particle Physics and Cosmology, 2011.
177. *Shielding Strategies*,  
Karl-Tasso Knoepfle for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.
178. *Signal modeling of high-purity Ge detectors with a small read-out electrode and application to  $^{76}\text{Ge}$  double beta decay search*,  
M. Agostini for the GERDA collaboration, talk at the DPG Spring meeting, Teilchenphysik, 2011.
179. *Status of the GERDA experiment at LNGS and results from the ongoing commissioning phase*,  
S. Schönert for the GERDA collaboration, talk at the 14th Venice Neutrino Telescope, 2011.
180. *Survey of underground facilities*,  
Bernhard Schwingenheuer for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.
181. *Temperature dependence of pulse properties*,  
Oleksandr Volynets for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.
182. *XENON100 and PandaX*,  
Xiang Liu for the GERDA collaboration, talk at the Symposium on Future Applications of Germanium Detectors in Fundamental Research, 2011.