CURRICULUM VITAE DI MARÍA LUCÍA MARTÍNEZ PÉREZ

1. PERSONAL DATA

Surname:	Martínez Pérez
First Name:	María Lucía
Place and date of birth:	Huesca (Spain) May 10, 1974
ResearcherID:	K-4827-2012 (http://www.researcherid.com/rid/K-4827-2012)

2. EDUCATION

Sept 2002 – Oct 2006	PhD in Physics, Universidad de Zaragoza (Spain) Supervisors: Prof. José Ángel Villar and Prof. María Luisa Sarsa Title: "Design of a prototype for an experiment of direct detection of dark matter by annual modulation with sodium iodide scintillators"
Sept 1992 – Sept 1997	Graduate in Physics, Universidad de Zaragoza (Spain)

3. LANGUAGE SKILLS

Spanish (Mother tongue)
English (Good level)
Italian (Good level)
French (Good level)

4. FELLOWHSIPS & EMPLOYMENTS

Oct 2011 – Today	Researcher of the Aragon Government (Fundación ARAID) at the University of Zaragoza
Oct 2009 – Sept 2011	Postdoc contract P2I (University Paris-Sud) at the Institut d'Astrophysique Spatial (IAS) Orsay (France). Subject: New generation of scintillating bolometers for EURECA.

Sept 2007 – Sept 2009	Postdoc fellowship at Istituto Nazionale di Fisica Nucleare (INFN) Sezione Milano-Bicocca. Visiting researcher at the Department of Physics "G. Occhialini", Milano-Bicocca University. Subject: Search for double beta decay without neutrinos with TeO_2 bolometers (CUORE experiment)
Sept 2006 – Sept 2007	Teaching assistant at Universidad de Zaragoza
Sept 2002 – Aug 2006	phD fellowship at Universidad de Zaragoza and Canfranc Underground Laboratory (LSC). Subject: Search for Dark Matter with NaI scintillators (ANAIS experiment) at the Canfranc Underground Laboratory.
July 2000 – Dec 2001	Research assistant at CSIC, Universidad Autónoma de Madrid (ICMM). Subject: Neutron and high energy X-rays diffraction
Jan 1998 – Oct 1999	Research fellowship at LABEIN Technological Center (Bilbao, Spain). Subject: Numerical simulation of mechanical processes.

5. TRAINING & DEVELOPING

Oct 6-8, 2010	Workshop: "Cryorefrigerateurs", Autrans (France)
June 4- Aug 4, 2007	INFN fellowship for foreigner visitors (FAI funds) at Laboratori Nazionali del Gran Sasso (LNGS). Subject: Collaboration in CUORE R&D
Oct 1 – Dec 17, 2005	MEC fellowship at Università degli studi di Roma "TOR VERGATA". Subject: Investigation of new scenarios for model-dependent interpretations of the annual modulated positive result of DAMA/NaI experiment.
May 17-25, 2005	Workshop: "Simulating with the Geant4 toolkit". CERN (Geneve).
May 5-16, 2003	Workshop: "Taller de Altas Energías". Universidad de Granada (Spain).

6. SUMMARY OF RESEARCH INTERESTS

My field of research is rare event Physics. In particular I am concerned with dark matter direct detection and neutrinoless double beta decay (0νDBD) searches.

Determining the nature of the dark matter in the Universe is one of the major unresolved problems in Particle Physics and Cosmology. Best candidates are weakly interacting thermal relics of the early Universe (known as WIMPs), which would interact with a terrestrial detector through elastic scattering off the detector nuclei, being the expected signal only noticeable in the low energy region of the recoil spec-

trum (few tens of keV), and the counting rates extremely low (from few counts per kg and per day down to few counts per ton and per year, depending on the models).

0νDBD is a rare nuclear transition that, if observed, could determine the fundamental nature of the neutrino and provide an absolute measurement of its mass scale. When the DBD emitter is contained within the active mass of the detector, the experimental signature is a peak centered at the Q-value of the decay. Extremely low background and very good energy resolution are required for high sensitivity.

Both kinds of search require the use of very large particle detectors in a deep underground location and in ultra-low background conditions. I am familiar with several kinds of particle detectors, as HPGe, inorganic scintillators and thermal detectors (bolometers), but in the last years I am particularly interested in scintillating bolometers at very low temperature, because its unique characteristics make them the ideal tool for rare event searches. In a scintillating bolometer the deposited energy can be measured by means of the small increment in the absorber temperature, and the simultaneous measurement of the scintillating light allow to discriminate the nature of the interacting particle. In this way strong background reduction can be achieved in either dark matter experiments (nuclear recoils are distinguished from beta/gamma events) or 0νDBD experiences (alpha background discrimination), providing also a relative efficiency factor for nuclear recoils near to one and an excellent energy resolution.

Currently I am participating in the following rare-event experiments:

- CUORE (Cryogenic Underground Observatory of Rare Events): an international collaboration that will search for neutrinoless double beta decay of ^{130}Te with 750 kg of TeO_2 bolometers in the Gran Sasso Underground Laboratory
- EURECA (European Underground Rare Event Calorimeter Array): an European project that will combine in one ultra-low background setup up to 1 ton of cryogenic detectors with background discrimination capability (Ge bolometers with heat/ionization double readout and solid state scintillating bolometers), combining different targets to increase the discovering potential.
- ANAIS (Annual Modulation with NaI Scintillators): to be installed at the Canfranc Underground Laboratory, will look for dark matter annual modulation with 250 kg of NaI(Tl) scintillators. The final goal is to confirm the DAMA/LIBRA positive annual modulation signal in a model-independent way (using the same target and technique).

SPECIALLITY (UNESCO CODES): 2207, 2208, 3311, 3320, 1203

KEYWORDS: dark matter; neutrino physics; low background; cryogenic detectors; scintillators

7. RESEARCH ACTIVITIES

PUBLICATIONS IN REFERRED JOURNALS

Co-author of 50 publications on international peer-reviewed scientific journals and 31 publications on proceeding volumes (see enclosed list).

Citation metrics: from Scopus database on Aug 5 2014

Total Articles in Publication List:	62
Sum of the Times Cited:	508
Average Citations per Article:	8.2
h-index:	12

INTERNATIONAL CONFERENCES

- 1 invited review

  RENATA Meeting "Astroparticle Physics in Spain in view of Horizon 2020", June 9-11 2014, Canfranc (Spain). Invited review "Dark Matter searches: status and prospects".

- 2 invited talks.

  13th Marcel Grossmann Meeting, "Rare event searches at Canfranc: ANAIS experiment", July 1-7 2012, Stockholm (Sweden).

  3rd Galileo-Xu GuangQi Meeting, "Development of scintillating bolometers for dark matter searches", October 11-15 2011, Beiging (China).

- 10 oral presentations

  Astroparticle Physics 2014: A joint TeVPA/IDM conference, "0νββ & dark matter searches with CUORE-0 and CUORE", June 23-28 2015, Amsterdam (Netherlands).

  9th MultiDark ConsoliderWorkshop, "Parylene-coated NaI(Tl) at low temperatures for bolometric applications", November 6-8 2013, Alcalá de Henares (Spain).

  International Workshop on Radiopure Scintillators (RPSCINT 2013), "Response of parylene-coated NaI(Tl) scintillators at low temperature", September 17-20 2013, Kiev (Ukraine).

  8th MultiDark Consolider Workshop, "CUORE-0 and CUORE for dark matter searches", April 17-19 2013, Granada (Spain).

  12th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2011), "Scintillating bolometers for fast neutron spectroscopy in rare event searches", September 5-9 2011, Munich (Germany).

  13th International Workshop on Low Temperature Detectors (LTD13), "Progress on the CUORE cryogenic system", July 20-24 2009, Stanford (USA).

International Conference on Particles And Nuclei (PANIC08), “From CUORICINO to CUORE. The bolometric way to double beta decay”, November 9-14 2008, Eilat (Israel).

6th International Workshop on the Identification of Dark Matter (IDM 2006), “Dark matter NaI searches at Canfranc: status of ANAIS”, September 11-16, Rhodes (Greece).

9th International Workshop on Topics in Astroparticle and Underground Physics (TAUP 2005), “Dark matter searches with NaI scintillators in the Canfranc underground laboratory: ANAIS experiment”, September 10-14 2005, Zaragoza (Spain).

5th International Workshop on the Identification of Dark Matter (IDM 2004), “Status of the ANAIS experiment at Canfranc”, September 6-10, Edinburgh (Scottland).

- 2 poster presentations.

37th International Conference on high energy Physics (ICHEP 2014), “ANAIS: status and prospects”, July 2-9 2014, Valencia (Spain).

International Conference of Neutron Scattering (ICNS 2001), “Neutron strain scanning in straightened eutectoid steel rods”, September 9-13 2001, Munich (Germany).

INVITED SEMINARS

“Scintillating bolometers for rare event physics”, March 26 2014, Università Roma Tor Vergata (Italy).

“Dark Matter searches at Canfranc with NaI: The ANAIS experiment” February 14 2013, Laboratori Nazionali del Gran Sasso (Italy).

“Scintillating bolometers for Dark Matter Searches, and other bolometric applications” February 9 2011, Università Milano-Bicocca (Italy).

“Design of a prototype for a dark matter direct detection experiment by annual modulation with sodium iodide scintillators”. April 5 2007, KIT, Karlsruhe (Germany).

JOURNAL REFEREE

Materials Research Bulletin

Optical Materials Express

COMMITTEES & ADVISORY BOARDS

Member of several master and phD examination committees (Spain and Italy)

Since May 2014 member of the «speakers board» of the CUORE collaboration

8. PARTICIPATION IN RESEARCH PROJECTS

2012-2014:	“Detección directa de materia oscura en el laboratorio subterráneo de Canfranc”. (Ref. FPA2011-23749/FPA) PI: José Ángel Villar
2010-2014:	"Método de Multimensajeros para la Detección de la Materia Oscura". CONSOLIDER-INGENIO 2010. Ref. CSD2009-00064. PI: Carlos Muñoz López, María Luisa Sarsa
2010-2012:	Projet MANOLIA / Expérience ROSEBUD “Détection des particules de la matière noire par bolomètres massifs refroidis”. CNRS/INSU 2010/11/12. PI: Pierre de Marcillac
2009-2011	Búsqueda de materia oscura en el laboratorio subterráneo de Canfranc: experimentos ANAIS y ROSEBUD". CICYT. Ref. FPA 2008-03228/FPA. PI: José Ángel Villar Rivacoba
2008:	“G.EXC. 2008.E08. FISICA NUCLEAR Y ASTROPARTICULAS (GIFNA)”, Ref E08, PI: José Ángel Villar
2007-2008:	"Programa experimental de materia oscura en el laboratorio subterráneo de Canfranc". CICYT. Ref. FPA 2007-63777. PI: José Ángel Villar Rivacoba
2005-2007:	“G. EXCELENCIA DGA 2005. E08. FISICA NUCLEAR Y ASTROPARTICULA”, Ref E08, PI: José Ángel Villar
2004-2008:	“Integrated Large Infraestructure for Astroparticle Science (ILIAS)”, European Commission, RII3-CT-2003-506222, project UZ.225-180. PI: Bijan Saghai.
2004-2007:	“Programa Experimental de Materia Oscura y Física de Neutrinos en el Laboratorio Subterráneo de Canfranc”, CICYT. Ref: FPA2004-00974. PI: José Ángel Villar
2003-2004:	“G.C. DGA 2002.E08. FISICA NUCLEAR Y ASTROPARTICULAS”, D.G.A., Ref E08, PI: José Ángel Villar
2002-2004:	“Desintegración Doble Beta, Neutrinos y Materia Oscura. Programa experimental en el Laboratorio Subterráneo de Canfranc”, CICY. Ref FPA2001-2437. PI: Ángel Morales.
2000-2001:	“Estudio de tensiones residuales en aceros trefilados mediante difracción de neutrones”. CICYT. Ref: 2FD97-1513-C03-02. PI: Federico Mompeán.

9. TEACHING & SUPERVISING

2013 – 2014:	Laboratory classes in "TECNICAS FISICAS II" (3rd course of Physics, 60 h) and "FÍSICA GENERAL" (1st course of Biotechnology, 20 h)
2012 – 2013:	Laboratory classes in "TECNICAS FISICAS II" (3rd course of Physics, 60 h)
2008 – 2009:	Co-supervisor of the three years-degree thesis titled "Studio di Filtri per Segnali Bolometrici" ("Study of filters for bolometric signals"), Maddalena Giulini, Univ Milano-Bicocca.
2006 – 2007:	Theory classes in "Artificial Intelligence" (4th course of Informatics Engineering) (60 h) and Laboratory classes in "Introductory Programming" (1st course of Informatics Engineering)(60 h)
2005 – 2006:	Laboratory classes in "Experimental Techiques III" (3rd course of Physics) (30 h)
2004 – 2005:	Laboratory classes in "Nuclear and Particle Physics" (5th course of Physics) (20 h)

LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS

1. **Exploring the Neutrinoless Double Beta Decay in the Inverted Neutrino Hierarchy with Bolometric Detectors**

   D. R. Artusa, F. T. Avignone III, O. Azzolini, M. Balata, T. I. Banks, G. Bari, J. Beeman, F. Bellini, A. Bersani, M. Biassoni, C. Brofferio, C. Bucci, X. Z. Cai, A. Camacho, L. Canonica, X. G. Cao, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Casali, D. Chiesa, N. Chott, M. Clemenza, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, V. Datskov, A. De Biasi, M. M. Deninno, S. Di Domizio, M. L. di Vacri, L. Ejzak, D. Q. Fang, H. A. Farach, M. Faverzani, G. Fernandes, E. Ferri, F. Ferroni, E. Fiorini, M. A. Franceschi, S. J. Freedman, B. K. Fujikawa, A. Giachero, L. Gironi, A. Giuliani, J. Goett, P. Gorla, C. Gotti, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, R. Hennings-Yeomans, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, Yu. G. Kolomensky, Y. L. Li, C. Ligi, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, Y. Mei, N. Moggi, S. Morganti, T. Napolitano, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, T. O'Donnell, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, V. Pettinacci, G. Piperno, C. Pira, S. Pirro, E. Previtali, V. Rampazzo, C. Rosenfeld, C. Rusconi, E. Sala, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smith, L. Taffarello, M. Tenconi, F. Terranova, W. D. Tian, C. Tomei, S. Trentalange, G. Ventura, M. Vignati, B. S. Wang, H. W. Wang, L. Wielgus, J. Wilson, L. A. Winslow, T. Wise, A. Woodcraft, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli
   Submitted to European Physical Journal C, arxiv: 1404.4469

2. **Bulk NaI(Tl) scintillation low energy events selection with the ANAIS-0 module**

   C. Cuesta, J. Amaré, S. Cebrián, E. García, C. Ginestra, M. Martínez, M. A. Oliván, Y. Ortigoza, A. Ortiz de Solórzano, C. Pobes, J. Puimedón, M. L. Sarsa, J. A. Villar, P. Villar
   Submitted to European Physical Journal C, arxiv: 1407.5125

3. **Impact of Particles on the Planck HFI Detectors : ground-based measurements and physical interpretation**

   A. Catalano, P. Ade, Y. Atik, A. Benoit, E. Bréele, J. Bock, P. Camus, M. Charra, B. P. Crill, N. Coron, A. Coulais, F.-X. Désert, Y. Giraud-Héraud, O. Guillaudin, W. Holmes, W. C. Jones, J.-M. Lamarre, J. Macías-Pérez, M. Martínez, A. Monfardini, F. Pajot, G. Patanchon, A. Pelissier, M. Piat, J.-L. Puget, C. Renault, C. Rosset, D. Santos, L. Spencer, and R. Sudiwala
   To appear in Astronomy & Astrophysics, arXiv:1403.6592

4. **Searching for neutrinoless double-beta decay of 130Te with CUORE**

   D. R. Artusa, F. T. Avignone III, O. Azzolini, M. Balata, T. I. Banks, G. Bari, J. Beeman, F. Bellini, A. Ber-

sani, M. Biassoni, C. Brofferio, C. Bucci, X. Z. Cai, A. Camacho, L. Canonica, X. G. Cao, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Casali, D. Chiesa, N. Chott, M. Clemenza, S. Copello, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, V. Datskov, A. De Biasi, M. M. Deninno, S. Di Domizio, M. L. di Vacri, L. Ejzak, D. Q. Fang, H. A. Farach, M. Faverzani, G. Fernandes, E. Ferri, F. Ferroni, E. Fiorini, M. A. Franceschi, S. J. Freedman, B. K. Fujikawa, A. Giachero, L. Gironi, A. Giuliani, J. Goett, P. Gorla, C. Gotti, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, R. Hennings-Yeomans, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, Yu. G. Kolomensky, Y. L. Li, C. Ligi, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, Y. Mei, N. Moggi, S. Morganti, T. Napolitano, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, T. O'Donnell, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, V. Pettinacci, G. Piperno, C. Pira, S. Pirro, E. Previtali, V. Rampazzo, C. Rosenfeld, C. Rusconi, E. Sala, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smith, L. Taffarello, M. Tenconi, F. Terranova, W. D. Tian, C. Tomei, S. Trentalange, G. Ventura, M. Vignati, B. S. Wang, H. W. Wang, L. Wielgus, J. Wilson, L. A. Winslow, T. Wise, A. Woodcrafta, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli
To appear in Advances in High Energy Physics , arXiv:1402.6072

5. Dark Matter search with CUORE-0 and CUORE

C. P. Aguirre, D. R. Artusa, F. T. Avignone III, O. Azzolini, M. Balata, T. I. Banks, G. Bari, J. Beeman, F. Bellini, A. Bersani, M. Biassoni, C. Brofferio, C. Bucci, X. Z. Cai, A. Camacho, L. Canonica, X. Cao, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Casali, D. Chiesa, N. Chott, M. Clemenza, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, V. Datskov, A. De Biasi, M. M. Deninno, S. Di Domizio, M. L. di Vacri, L. Ejzak, D. Q. Fang, H. A. Farach, M. Faverzani, G. Fernandes, E. Ferri, F. Ferroni, E. Fiorini, M. A. Franceschi, S. J. Freedman, B. K. Fujikawa, A. Giachero, L. Gironi, A. Giuliani, J. Goett, P. Gorla, C. Gotti, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, R. Hennings-Yeomans, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, Yu. G. Kolomensky, Y. L. Li, C. Ligi, K. E. Lim, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, Y. Mei, N. Moggi, S. Morganti, T. Napolitano, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, T. O'Donnell, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, G. Piperno, C. Pira, S. Pirro, E. Previtali, V. Rampazzo, C. Rosenfeld, C. Rusconi, E. Sala, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smith, L. Taffarello, M. Tenconi, F. Terranova, W. D. Tian, C. Tomei, S. Trentalange, G. Venturaa,a, M. Vignati, B. S. Wang, H. W. Wang, L. Wielgus, J. Wilson, L. A. Winslow, T. Wise, A. Woodcraft, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli
To appear in Physcis Procedia

6. CUORE and beyond: bolometric techniques to explore inverted neutrino mass hierarchy

C. P. Aguirre, D. R. Artusa, F. T. Avignone III, O. Azzolini, M. Balata, T. I. Banks, G. Bari, J. Beeman, F.

Bellini, A. Bersani, M. Biassoni, C. Brofferio, C. Bucci, X. Z. Cai, A. Camacho, L. Canonica, X. Cao, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Casali, D. Chiesa, N. Chott, M. Clemenza, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, V. Datskov, A. De Biasi, M. M. Deninno, S. Di Domizio, M. L. di Vacri, L. Ejzak, D. Q. Fang, H. A. Farach, M. Faverzani, G. Fernandes, E. Ferri, F. Ferroni, E. Fiorini, M. A. Franceschi, S. J. Freedman, B. K. Fujikawa, A. Giachero, L. Gironi, A. Giuliani, J. Goett, P. Gorla, C. Gotti, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, R. Hennings-Yeomans, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, Yu. G. Kolomensky, Y. L. Li, C. Ligi, K. E. Lim, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, Y. Mei, N. Moggi, S. Morganti, T. Napolitano, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, T. O'Donnell, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, G. Piperno, C. Pira, S. Pirro, E. Previtali, V. Rampazzo, C. Rosenfeld, C. Rusconi, E. Sala, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smith, L. Taffarello, M. Tenconi, F. Terranova, W. D. Tian, C. Tomei, S. Trentalange, G. Ventura, M. Vignati, B. S. Wang, H. W. Wang, L. Wielgus, J. Wilson, L. A. Winslow, T. Wise, A. Woodcraft, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli
To appear in Physics Procedia, arXiv:1407.1094

7. First data from CUORE-0

C. P. Aguirre, D. R. Artusa, F. T. Avignone III, O. Azzolini, M. Balata, T. I. Banks, G. Bari, J. Beeman, F. Bellini, A. Bersani, M. Biassoni, C. Bro ﾉ乚 io, C. Bucci, X. Z. Cai, A. Camacho, L. Canonica, X. Cao, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Casali, D. Chiesa, N. Chott, M. Clemenza, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, V. Datskov, A. De Biasi, M. M. Deninno, S. Di Domizio, M. L. di Vacri, L. Ejzak, D. Q. Fang, H. A. Farach, M. Faverzani, G. Fernandes, E. Ferri, F. Ferroni, E. Fiorini, M. A. Franceschi, S. J. Freedman, B. K. Fujikawa, A. Giachero, L. Gironi, A. Giuliani, J. Goett, P. Gorla, C. Gotti, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, R. Hennings-Yeomans, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, Yu. G. Kolomensky, Y. L. Li, C. Ligi, K. E. Lim, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, Y. Mei, N. Moggi, S. Morganti, T. Napolitano, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, T. O'Donnell, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, G. Piperno, C. Pira, S. Pirro, E. Previtali, V. Rampazzo, C. Rosenfeld, C. Rusconi, E. Sala, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smitha, L. Ta x elloa, M. Tenconi, F. Terranova, W. D. Tian, C. Tomei, S. Trentalange, G. Venturaa,a, M. Vignati, B. S. Wang, H. W. Wang, L. Wielgus, J. Wilson, L. A. Winslow, T. Wise, A. Woodcraft, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli
To appear in Physics Procedia

8. From ANAIS-25 towards ANAIS-250

J. Amaré, S. Cebrián, C. Cuesta, E. García, C. Ginestra, M. Martínez, M.A. Oliván, Y. Ortigoza, A. Ortiz de

Solórzano, C. Pobes, J. Puimedón, M.L. Sarsa, J.A.Villar, P.Villar

To appear in Physics Procedia, arXiv: 1404.3564

9. Scintillating bolometers: a key for determining WIMP parameters

D.G. Cerdeno, C. Cuesta, M. Fornasa, E. Garcia, C. Ginestra, C. Marcos, M. Martinez, Y. Ortigoza, M. Peiro, J. Puimedon, M.L. Sarsa

International Journal of Modern Physics A 29 (2014) 1443009, arXiv:1403.3539

10. Analysis of the 40K contamination in NaI(Tl) crystals from different providers in the frame of the ANAIS project

C Cuesta, J Amaré, S Cebrián, E García, C Ginestra, M Martínez, M A. Oliván, Y Ortigoza, A Ortíz de Solórzano, C Pobes, J Puimedón, ML Sarsa, JA Villar, P Villar

International Journal of Modern Physics A. 29 (2014) 1443010, arXiv:1403.3580

11. EURECA Conceptual Design Report

G. Angloher, E. Armengaud, C. Augier, A. Benoit , T. Bergmann, J. Blumer, A. Broniatowski, V. Brudanin, P. Camus , M. Chapellier, N. Coron, G.A. Cox, C. Cuesta, F.A. Danevich, L. Dumoulin, K. Eitel , A. Erb, A. Ertl, F. von Feilitzsch, D. Filosofov, E. Garcia, J. Gascon, G. Gerbier, C. Ginestra, J. Gironnet, A. Giuliani, M. Gros, A. Gutlein, D. Hauff, S. Henry, G. Heuermann, J. Jochum, S. Jokisch , A. Juillard, C. Kister, M. Kleifges, H. Kluck, E.V. Korolkova, V.Y. Kozlov , H. Kraus, V.A. Kudryavtsev, J.-C. Lanfranchi, P. Loaiza, J. Loebell, I. Machulin, S. Marnieros, M. Martinez, A. Menshikov, A. Munster, X. F. Navick, C. Nones, Y. Ortigoza, P. Pari, F. Petricca, W. Potzel, P. P. Povinec, F. Probst, J. Puimedon, F. Reindl, M. Robinson, T. Rolon, S. Roth, K. Rottler, S. Rozov, C. Sailer, A. Salinas, V. Sanglard, M.L. Sarsa, K. Schaffner, B. Schmidt, S. Scholl, S. Schonert, W. Seidel, B. Siebenborni, M. v. Sivers, C. Strandhagen, R. Strauß, A. Tanzke, V.I. Tretyak, M. Turad, A. Ulrich, I. Usherov, P. Veber, M. Velazquez, J.A. Villar, O. Viraphong, R.J. Walker; S. Wawoczny, M. Weber, M. Willers, M. Wustrich, E. Yakushev, X. Zhang, A. Zoller

Physics of the Dark Universe 3 (2014) 41–74

12. Initial performance of the CUORE-0 experiment

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A. Giachero, L. Gironi, A. Giuliani, J. Goett, P. Gorla, C. Gotti, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, R. Hennings-Yeomans, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, Yu. G. Kolomensky, Y. L. Li, K. E. Lim, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, Y. Mei, N. Moggi, S. Morganti, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, T. O'Donnell, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, V. Pettinacci, G. Piperno, S. Pirro, E. Previtali, C. Rosenfeld, C. Rusconi, E. Sala, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smith, L. Taffarello, M. Tenconi, F. Terranova, W. D. Tian, C. Tomei, S. Trentalange, G. Ventura, M. Vignati, B. S. Wang, H. W. Wang, L. Wielgus, J. Wilson, L. A. Winslow, T. Wise, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli

European Physical Journal C (2014) 74:2956, arXiv:1402.0922

13. First CUORE-0 Performance Results and Status of CUORE Experiment

L. Canonica · D. R. Artusa · F. T. Avignone III · O. Azzolini · M. Balata ·T. I. Banks · G. Bari · J. Beeman · F. Bellini · A. Bersani · M. Biassoni ·T. Bloxham · C. Brofferio · C. Bucci · X. Z. Cai · A. Camacho · X. Cao ·S. Capelli · L. Carbone · L. Cardani · M. Carrettoni · N. Casali · D. Chiesa ·N. Chott · M. Clemenza · C. Cosmelli · O. Cremonesi · R. J. Creswick ·I. Dafinei · A. Dally · V. Datskov · A. De Biasi · M. M. Deninno ·S. Di Domizio · M. L. di Vacri · L. Ejzak · R. Faccini · D. Q. Fang ·H. A. Farach · M. Faverzani · G. Fernandes · E. Ferri · F. Ferroni ·E. Fiorini · M. A. Franceschi · S. J. Freedman · B. K. Fujikawa ·A. Giachero · L. Gironi · A. Giuliani · J. Goett · P. Gorla · C. Gotti ·T. D. Gutierrez · E. E. Haller · K. Han · K. M. Heeger · H. Z. Huang ·R. Kadel · K. Kazkaz · G. Keppel · L. Kogler · Yu. G. Kolomensky ·D. Lenz · Y. L. Li · C. Ligi · X. Liu · Y. G. Ma · C. Maiano · M. Maino ·M. Martinez · R. H. Maruyama · Y. Mei · N. Moggi · S. Morganti ·T. Napolitano · S. Newman · S. Nisi · C. Nones · E. B. Norman ·A. Nucciotti · T. O'Donnell · F. Orio · D. Orlandi · J. L. Ouellet ·M. Pallavicini · V. Palmieri · L. Pattavina · M. Pavan · M. Pedretti ·G. Pessina · G. Piperno · C. Pira · S. Pirro · E. Previtali · V. Rampazzo ·F. Rimondi · C. Rosenfeld · C. Rusconi · E. Sala · S. Sangiorgio ·N. D. Scielzo · M. Sisti · A. R. Smith · L. Taffarello · M. Tenconi ·F. Terranova · W. D. Tian · C. Tomei · S. Trentalange · G. Ventura ·M. Vignati · B. S. Wang · H. W. Wang · L. Wielgus · J. Wilson · T. Wise ·A. Woodcraft · L. Zanotti · C. Zarra · B. X. Zhu · S. Zucchelli

Journal of Low Temperature Physics 176, 986–994 (2014)

14. Characterization and physical origin of energetic particles on Planck HFI instrument

A Catalano, P Ade, Y Atik, A Benoit, E Bréelle, JJ Bock, P Camus, M Charra, BP Crill, N Coron, A Coulais, FX Dèsert, L Fauvet, Y Giraud-Héraud, O Guillaudin, W Holmes, WC Jones, JM Lamarre, J Macias-Perez, M Martinez, A Miniussi, Alessandro Monfardini, F Pajot, G Patanchon, A Pelissier, M Piat, JL Puget, C Renault, C Rosset, D Santos, A Sauvé, L Spencer, R Sudiwala

Journal of Low Temperature Physics 176, 773-786 (2014), arXiv:1403.5639

15. Study of scintillation in natural and synthetic quartz and methacrylate

J Amaré, S Borjabad, S Cebrián, C Cuesta, D Fortuño, E García, C Ginestra, H Gómez, DC Herrera, M Martínez, MA Oliván, Y Ortigoza, A Ortiz de Solórzano, C Pobes, J Puimedón, ML Sarsa, JA Villar, P Villar

Optical Materials 36 (2014) 1408–1417, arXiv:1401.3118

16. Preliminary results of ANAIS-25

J. Amaré, S. Cebrián, C. Cuesta, E. García, C. Ginestra, M. Martínez, M. A. Oliván, Y. Ortigoza, A. Ortiz de Solórzano, C. Pobes, J. Puimedón, M. L. Sarsa, J. A. Villar, P. Villar

Nuclear Instruments and Methods A 742 (2014) 187–190, arXiv:1308.3478v1

17. Slow scintillation time constants in NaI(Tl) for different interacting particles

C. Cuesta, M.A. Oliván, J. Amaré, S. Cebrián, E. García, C. Ginestra, M. Martínez , Y. Ortigoza, A. Ortiz de Solórzano, C. Pobes, J. Puimedón, M.L. Sarsa, J.A. Villar, and P. Villar

Optical Materials 36 (2013), 316-320, arXiv:1307.1398 (IF: 2.075)

18. Light relative efficiency factors for ions in BGO and Al2O3 at 20 mK

Y. Ortigoza, L. Torres, N. Coron, C. Cuesta, E. García, C. Ginestra, J. Gironnet, P. de Marcillac, M. Martínez, A. Ortiz de Solórzano, C. Pobes, J. Puimedón, T. Redon, M.L. Sarsa, J.A. Villar

Astroparticle Physics 50 (2013) 11-17 (IF: 4.450)

19. Study of parylene-coated NaI(Tl) at low temperatures for bolometric applications

N. Coron, C. Cuesta, E. García, C. Ginestra, T. A. Girard, P. de Marcillac, M. Martínez, Y. Ortigoza, A. Ortiz de Solórzano, C. Pobes, J. Puimedón, T. Redon, M. L. Sarsa, L. Torres, P. Valko, and J. A. Villar

Astroparticle Physics 47 (2013) 31–37 (IF: 4.450)

20. Search for 14.4 keV Solar Axions from M1 transition of 57Fe with CUORE crystals

Alessandria, F; Ardito, R; Artusa, DR; Avignone III, FT; Azzolini, O; Balata, M; Banks, TI; Bari, G; Beeman, J; Bellini, F; Bersani, A; Biassoni, M; Bloxhami, T; Brofferio, C; Bucci, C; Cai, XZ; Canonica, L; Capelli, S; Carbone, L; Cardani, L; Carrettoni, M; Casali, N; Chott, N; Clemenza, M; Cosmelli, C; Cremonesi, O; Creswick, RJ; Dafneim, I; Dally, A; De Biasi, A; Decowski, MP; Deninno, MM; Di Domizio, S; di Vacri, ML; Ejzak, L; Faccini, R; Fang, DQ; Farach, HA; Ferri, E; Ferroni, F; Fiorini, E; Franceschi, MA; Freedman, SJ; Fujikiwa, BK; Giachero, A; Gironi, L; Giuliani, A; Goett, J; Gorla, P; Gotti, C; Guard-

incerri, E; Gutierrez, TD; Haller, EE; Han, K; Heeger, KM; Huang, HZ; Kadel, R; Kazkaz, K; Keppel, G; Kogler, L; Kolomensky, YG; Lenz, D; Li, YL; Ligi, C; Liu, X; Ma, YG; Maiano, C; Maino, M; Martinez, M; Maruyama, RH; Moggi, N; Morganti, S; Napolitano, T; Newman, S; Nisi, S; Nones, C; Norman, EB; Nucciotti, A; Orio, F; Orlandi, D; Ouellet, JL; Pallavicini, M; Palmieri, V; Pattavina, L; Pavan, M; Pedretti, M; Pessina, G; Pirro, S; Previtali, E; Rampazzo, V; Rimondi, F; Rosenfeld, C; Rusconi, C; Sangiorgio, S; Scielzo, ND; Sisti, M; Smith, AR; Taffarello, L; Tenconi, Tian, WD; Tomei, C; Trentalange, S; Ventura, G; Vignati, M; Wang, BS; Wang, HW; Whitten, CA; Wise, T; Woodcraft, A; Xu, N; Zanotti, L; Zarra, C; Zhu, BX; Zucchelli, S

JCAP05(2013)007, arXiv:1209.2800v2 (IF: 5.877)

21. Complementarity of dark matter direct detection: the role of bolometric targets

D.G. Cerdeño, C. Cuesta, M. Fornasa, E. García, C. Ginestra, Ji-Haeng Huh, M. Martínez, Y. Ortigoza, M. Peiró, J. Puimedón, L. M. Robledo, M.L. Sarsa

JCAP07(2013)028, arXiv:1304.1758 (IF: 5.877)

22. The low energy spectrum of TeO2 bolometers: results and perspectives for the CUORE-0 and CUORE experiments

F. Alessandria, R. Ardito, D. R. Artusa, F. T. Avignone III, O. Azzolini, M. Balata, T. I. Banks, G. Bari, J. Beeman, F. Bellini, A. Bersani, M. Biassoni, T. Bloxham, C. Brofferio, C. Bucci, X. Z. Cai, L. Canonica, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Casali, N. Chott, M. Clemenza, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, V. Datskov, A. De Biasi, M. P. Decowski, M. M. Deninno, S. Di Domizio, M. L. di Vacri, L. Ejzak, R. Faccini, D. Q. Fang, H. A. Farach, E. Ferri, F. Ferroni, E. Fiorini, M. A. Franceschi, S. J. Freedman, G. Frossati, B. K. Fujikawa, A. Giachero, L. Gironi, A. Giuliani, J. J. Goett, P. Gorla, C. Gotti, E. Guardincerri, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, L. Kogler, Yu. G. Kolomensky, D. Lenz, Y. L. Li, C. Ligi, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, N. Moggi, S. Morganti, T. Napolitano, S. Newman, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, S. Pirro, E. Previtali, V. Rampazzo, F. Rimondi, C. Rosenfeld, C. Rusconi, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smith, F. Stivanello, L. Taffarello, M. Tenconi, W. D. Tian, C. Tomei, S. Trentalange, G. Ventura, M. Vignati, B. S. Wang, H. W. Wang, C. A. Whitten Jr., y T. Wise, A. Woodcraft, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli

JCAP01(2013)038, arXiv:1209.2519 (IF: 5.877)

23. Validation of techniques to mitigate copper surface contamination in CUORE

F. Alessandria, R. Ardito, D. R. Artusa, F. T. Avignone III, O. Azzolini, M. Balata, T. I. Banks, G. Bari, J.

Beeman, F. Bellini, A. Bersani, M. Biassoni, T. Bloxham, C. Brofferio, C. Bucci, X. Z. Cai, L. Canonica, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Casali, N. Chott, M. Clemenza, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, V. Datskov, A. De Biasi, M. M. Deninno, S. Di Domizio, M. L. di Vacri, L. Ejzak, R. Faccini, D. Q. Fang, H. A. Farach, E. Ferri, F. Ferroni, E. Fiorini, M. A. Franceschi, S. J. Freedman, B. K. Fujikawa, A. Giachero, L. Gironi, A. Giuliani, J. Goett, P. Gorla, C. Gotti, E. Guardincerri, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, H. Z. Huang, R. Kadel, K. Kazkaz, G. Keppel, L. Kogler, Yu. G. Kolomensky, D. Lenz, Y. L. Li, C. Ligi, X. Liu, Y. G. Ma, C. Maiano, M. Maino, M. Martinez, R. H. Maruyama, Y. Mei, N. Moggi, S. Morganti, T. Napolitano, S. Newman, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, F. Orio, D. Orlandi, J. L. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, S. Pirro, E. Previtali, V. Rampazzo, F. Rimondi, C. Rosenfeld, C. Rusconi, S. Sangiorgio, N. D. Scielzo, M. Sisti, A. R. Smith, F. Stivanello, L. Taffarello, M. Tenconi, W. D. Tian, C. Tomei, S. Trentalange, G. Ventura, M. Vignati, B. S. Wang, H. W. Wang, C. A. Whitten Jr, T. Wise, A. Woodcraft, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchell
Astroparticle Physics 45 (2013), 13-22, arXiv:1210.1107 (IF: 4.450)

24. Development of scintillating bolometers for dark matter searches

M. Martínez, C. Cuesta, E. García, C. Ginestra, A. Ortiz de Solórzano, Y. Ortigoza, C. Pobes J. Puimedón, T. Rolón, M. L. Sarsa, J. A. Villar, N. Coron, J. Gironnet, J. Leblanc, P. de Marcillac, T. Redon, L. Torres, P. Veber and M. Velázquez
International Journal of Modern Physics: Conference Series 23 (2013) 324-328

25. Background model for a NaI(Tl) detector devoted to dark matter searches

S. Cebrián, C. Cuesta, J. Amaré, S. Borjabad, D. Fortuño, E. García, C. Ginestra, H. Gómez, M. Martínez, M.A. Oliván, Y. Ortigoza, A. Ortiz de Solórzano, C. Pobes, J. Puimedón, M.L. Sarsa, and J.A. Villar
Astroparticle Physics 37 (2012) 60-69 (IF: 4.777)

26. Measurement of the L/K electron capture ratio of the 207Bi decay to the 1633 keV level of ^{207}Pb with a BGO scintillating bolometer

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European Physical Journal A (2012) 48: 89 (IF: 2.043)

27. Search for double-β decay of ^{130}Te to the first 0+ excited state of ^{130}Xe with the CUORICINO experiment bolometer array

E. Andreotti, C. Arnaboldi, F. T. Avignone III, M. Balata, I. Bandac, M. Barucci, J. W. Beeman, F. Bellini, C. Brofferio, A. Bryant, C. Bucci, L. Canonica, S. Capelli, L. Carbone, M. Carrettoni, M. Clemenza, O. Cremonesi, R. J. Creswick, S. Di Domizio, M. J. Dolinski, L. Ejzak, R. Faccini, H. A. Farach, E. Ferri, E. Fiorini, L. Foggetta, A. Giachero, L. Gironi, A. Giuliani, P. Gorla, E. Guardincerri, T. D. Gutierrez, E. E. Haller, K. Kazkaz, L. Kogler, S. Kraft, C. Maiano, C. Martinez, M. Martinez, R. H. Maruyama, S. Newman, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, F. Orio, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, S. Pirro, E. Previtali, L. Risegari, C. Rosenfeld, C. Rusconi, C. Salvioni, S. Sangiorgio, D. Schaeffer, N. D. Scielzo, M. Sisti, A. R. Smith, C. Tomei, G. Ventura, M. Vignati
Physical Review C, 85, 045503 (2012), Arxiv: 1108.4313v1 (IF: 3.715)

28. CUORE crystal validation runs: results on radioactive contamination and extrapolation to CUORE background

F. Alessandria, E. Andreotti, R. Ardito, C. Arnaboldi, F. T. Avignone III, M. Balata, I. Bandac, T. I. Banks, G. Bari, W. Beeman, F. Bellini, A. Bersani, M. Biassoni, T. Bloxhami, C. Brofferio, A. Bryant, C. Bucci, X. Z. Cai, L. Canonica, S. Capelli, L. Carbone, L. Cardani, M. Carrettoni, N. Chott, M. Clemenza, C. Cosmelli, O. Cremonesi, R. J. Creswick, I. Dafinei, A. Dally, A. De Biasi, M. P. Decowski, M. M. Deninno, A. de Waard, S. Di Domizio, L. Ejzak, R. Faccini, D. Q. Fang, H. A. Farach, E. Ferri, F. Ferroni, E. Fiorini, L. Foggetta S. J. Freedman, G. Frossati, A. Giachero, L. Gironi, A. Giuliani, P. Gorla, C. Gotti, E. Guardincerri, T. D. Gutierrez, E. E. Haller, K. Han, K. M. Heeger, H. Z. Huang, K. Ichimura, R. Kadel, K. Kazkaz, G. Keppel, L. Kogler, Yu. G. Kolomensky, S. Kraft, D. Lenz, Y. L. Li, X. Liu, E. Longo, Y. G. Ma, C. Maiano, G. Maier, C. Martinez, M. Martinez, R. H. Maruyama, N. Moggi, S. Morganti, S. Newman, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, F. Orio, D. Orlandi, J. Ouellet, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, S. Pirro, E. Previtali, V. Rampazzo, F. Rimondi, C. Rosenfeld, C. Rusconi, C. Salvioni, S. Sangiorgio, D. Schaeffer, N. D. Scielzo, M. Sisti, A. R. Smith, F. Stivanello, L. Taffarello, G. Terenziani, W. D. Tian, C. Tomei, S. Trentalange, G. Ventura, M. Vignati, B. Wang, H. W. Wang, C. A. Whitten Jr., T. Wise, A. Woodcraft, N. Xu, L. Zanotti, C. Zarra, B. X. Zhu, S. Zucchelli
Astroparticle Physics 35 (2012) 839–849, arXiv:1108.4757v1 (IF: 4.777)

29. Characterization of a SrF2 scintillating bolometer

C. Ginestra, N. Coron, E. García, P. De Marcillac, M. Martínez, Y. Ortigoza, T. Redon, L. Torres
Journal of Low Temperature Physics (2012) 167:973–978 (IF: 1.183)

30. Towards an absolute determination of the particle energy thermalized in bolometers

L. Torres, N. Coron, P. de Marcillac, M. Martinez and T. Redon

Journal of Low Temperature Physics (2012) 167:961–966 (IF: 1.183)

31. ^{130}Te Neutrinoless Double-Beta Decay with CUORICINO

E. Andreotti, C. Arnaboldi, F. T. Avignone III, M. Balata, I. Bandac, M. Barucci, J. W. Beeman, F. Bellini, C. Brofferio, A. Bryant, C. Bucci, L. Canonica, S. Capelli, L. Carbone, M. Carrettoni, M. Clemenza, O. Cremonesi, R. J. Creswick, S. Di Domizio, M. J. Dolinski, L. Ejzak, R. Faccini, H. A. Farach, E. Ferri, E. Fiorini, L. Foggetta, A. Giachero, L. Gironi, A. Giuliani, P. Gorla, E. Guardincerri, T. D. Gutierrez, E. E. Haller, K. Kazkaz, S. Kraft, L. Kogler, C. Maiano, R. H. Maruyama, C. Martinez, M. Martinez, S. Newman, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, F. Orio, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, S. Pirro, E. Previtali, L. Risegari, C. Rosenfeld, C. Rusconi, C. Salvioni, S. Sangiorgio, D. Schaeffer, N. D. Scielzo, M. Sisti, A. R. Smith, C. Tomei, G. Ventura, M. Vignati
Astroparticle Physics, 34 (2011) 822-831, arXiv: 1012.3266 (IF: 3.216)

32. Energy partition in Sapphire and BGO scintillating bolometers

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33. Search for β+/EC double beta decay of ^{120}Te

E. Andreotti, C. Arnaboldi, F. T. Avignone III, M. Balata, I. Bandac, M. Barucci, J. W. Beeman, F. Bellini, C. Brofferio, A. Bryant, C. Bucci, L. Canonica, S. Capelli, L. Carbone, M. Carrettoni, M. Clemenza, O. Cremonesi, R. J. Creswick, S. Di Domizio, M. J. Dolinski, L. Ejzak, R. Faccini, H. A. Farach, E. Ferri, E. Fiorini, L. Foggetta, A. Giachero, L. Gironi, A. Giuliani, P. Gorla, E. Guardincerri, T. D. Gutierrez, E. E. Haller, K. Kazkaz, S. Kraft, L. Kogler, C. Maiano, R. H. Maruyama, C. Martinez, M. Martinez, S. Newman, S. Nisi, C. Nones, E. B. Norman, A. Nucciotti, F. Orio, M. Pallavicini, V. Palmieri, L. Pattavina, M. Pavan, M. Pedretti, G. Pessina, S. Pirro, E. Previtali, L. Risegari, C. Rosenfeld, C. Rusconi, C. Salvioni, S. Sangiorgio, D. Schaeffer, N. D. Scielzo, M. Sisti, A. R. Smith, C. Tomei, G. Ventura, M. Vignati
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