

List of publication

- [1] A. Abud Abed and others.
Low exposure long-baseline neutrino oscillation sensitivity of the DUNE experiment .
Phys. Rev. D, 105, pp. 072006, 2022.
- [2] A. Abed Abud and others.
Design, construction and operation of the ProtoDUNE-SP Liquid Argon TPC . JINST, 17,
pp.
P01005, 2022.
- [3] A. Abed Abud and others.
Searching for solar KDAR with DUNE. JCAP, 10, pp. 065, 2021.
- [4] P. Agnes and others.
A study of events with photoelectric emission in the DarkSide-50 liquid argon Time
Projection
Chamber. Astropart. Phys., 140, pp. 102704, 2022.
- [5] P. Agnes and others.
Calibration of the liquid argon ionization response to low energy electronic and nuclear
recoils
with DarkSide-50. Phys. Rev. D, 104, pp. 082005, 2021.
- [6] P. D. Meyers and others.
DarkSide-50: A WIMP Search with a Two-phase Argon TPC. Phys. Procedia, 61, pp.
124–129,
2015.
- [7] L. Miramonti and others.
Geo-neutrinos from 1353 Days with the Borexino Detector . Phys. Procedia, 61, pp.
340–344,
2015.
- [8] O. Smirnov and others.
Short Distance Neutrino Oscillations with BoreXino: SOX. Phys. Procedia, 61, pp.
511–517,
2015.
- [9] P. Agnes and others.
Results From the First Use of Low Radioactivity Argon in a Dark Matter Search . Phys.
Rev. D, 93,
pp. 081101, 2016.
Note: [Addendum: Phys.Rev.D 95, 069901 (2017)]
- [10] M. Agostini and others.
A test of electric charge conservation with Borexino. Phys. Rev. Lett., 115, pp. 231802,
2015.
- [11] G. Bellini and others.
Neutrino measurements from the Sun and Earth: Results from Borexino . AIP Conf.
Proc., 1666,
pp. 090002, 2015.
- [12] O. Yu. Smirnov and others.

Measurement of neutrino flux from the primary proton–proton fusion process in the Sun with Borexino detector. *Phys. Part. Nucl.*, 47, pp. 995–1002, 2016.

[13] M. Agostini and others.

Spectroscopy of geoneutrinos from 2056 days of Borexino data. *Phys. Rev. D*, 92, pp. 031101, 2015.

[14] L. Ludhova and others.

Geo-neutrinos and Borexino. *Phys. Part. Nucl.*, 46, pp. 174–181, 2015.

[15] C. E. Aalseth and others.

The DarkSide Multiton Detector for the Direct Dark Matter Search. *Adv. High Energy Phys.*, 2015, pp. 541362, 2015.

[16] L. Di Noto and others.

The SOX experiment in the neutrino physics. *Nuovo Cim. C*, 38, pp. 36, 2015.

[17] P. Agnes and others.

The Electronics and Data Acquisition System of the DarkSide Dark Matter Search. , 2014.

[18] O. Smirnov and others.

Solar neutrino with Borexino: results and perspectives. *Phys. Part. Nucl.*, 46, pp. 166–173, 2015.

[19] P. Agnes and others.

First Results from the DarkSide-50 Dark Matter Experiment at Laboratori Nazionali del Gran Sasso. *Phys. Lett. B*, 743, pp. 456–466, 2015.

[20] G. Bellini and others.

Neutrinos from the primary proton–proton fusion process in the Sun. *Nature*, 512, pp. 383–386, 2014.

[21] D. D'Angelo and others.

Recent Borexino results and prospects for the near future. *EPJ Web Conf.*, 126, pp. 02008, 2016.

[22] N. Rossi and others.

The Borexino Experiment: Recent results and future plans. *Nuovo Cim. C*, 037, pp. 119–123, 2014.

[23] G. Ranucci and others.

Low energy neutrinos. *Int. J. Mod. Phys. Conf. Ser.*, 31, pp. 1460285, 2014.

[24] G. Bellini and others.

Borexino---The achievements and prospects. *Nuovo Cim. C*, 037, pp. 21–28, 2014.

[25] T. Alexander and others.

DarkSide search for dark matter. *JINST*, 8, pp. C11021, 2013.

[26] G. Bellini and others.

New limits on heavy sterile neutrino mixing in B8 decay obtained with the Borexino detector. .

Phys. Rev. D, 88, pp. 072010, 2013.

- [27] G. Bellini and others.
Final results of Borexino Phase-I on low energy solar neutrino spectroscopy. *Phys. Rev. D*, 89,
pp. 112007, 2014.
- [28] G. Bellini and others.
SOX: Short distance neutrino Oscillations with BoreXino. *JHEP*, 08, pp. 038, 2013.
- [29] G. Bellini and others.
Cosmogenic Backgrounds in Borexino at 3800 m water-equivalent depth. *JCAP*, 08, pp.
049,
2013.
- [30] G. Bellini and others.
Measurement of geo-neutrinos from 1353 days of Borexino . *Phys. Lett. B*, 722, pp.
295–300,
2013.
- [31] M. Pallavicini and others.
Recent results and future development of Borexino. *Nucl. Phys. B Proc. Suppl.*,
235-236,
pp. 55–60, 2013.
- [32] A. Ianni and others.
Neutrinos from the sun and from radioactive sources. *Nucl. Phys. B Proc. Suppl.*,
237-238, pp.
77–81, 2013.
- [33] D. Franco and others.
Solar neutrino results from Borexino. *Nucl. Phys. B Proc. Suppl.*, 237-238, pp. 104–106,
2013.
- [34] Evgeny Litvinovich and others.
Study of Solar and Geo-Neutrinos with the BOREXINO Detector . 15th Lomonosov
Conference on Elementary Particle Physics, pp. 173–176, 2013.
- [35] Alexander Derbin and others.
Study of the Rare Processes with the BOREXINO Detector . 15th Lomonosov
Conference
on Elementary Particle Physics, pp. 177–180, 2013.
- [36] Livia Ludhova and others.
Solar neutrino results with Borexino I. *PoS, ICHEP2012*, pp. 392, 2013.
- [37] S. M. Manecki and others.
Precision measurement of the beryllium-7 line with the Borexino detector . 48th
Rencontres
de Moriond on Electroweak Interactions and Unified Theories, pp. 203–208, 2013.
- [38] Gioacchino Ranucci and others.
Borexino: recent solar and terrestrial neutrino results and description of the SOX
project. *PoS, EPS-HEP2013*, pp. 529, 2013.
- [39] G. Bellini and others.
Lifetime measurements of ^{214}Po and ^{212}Po with the CTF liquid scintillator detector at
LNGS .
Eur. Phys. J. A, 49, pp. 92, 2013.
- [40] H. Back and others.

Borexino calibrations: Hardware, Methods, and Results . JINST, 7, pp. P10018, 2012.

[41] P. Alvarez Sanchez and others.
Measurement of CNGS muon neutrino speed with Borexino. Phys. Lett. B, 716, pp. 401–405, 2012.

[42] L. Ludhova and others.
Solar neutrino physics with Borexino I. 47th Rencontres de Moriond on Electroweak Interactions and Unified Theories, pp. 341, 2012.

[43] T. Alexander and others.
Light Yield in DarkSide-10: A Prototype Two-Phase Argon TPC for Dark Matter Searches
Astropart. Phys., 49, pp. 44–51, 2013.

[44] G. Bellini and others.
Search for Solar Axions Produced in $(d, n)^3\text{He}$ Reaction with Borexino Detector .
Phys. Rev. D, 85, pp. 092003, 2012.

[45] G. Bellini and others.
Cosmic-muon flux and annual modulation in Borexino at 3800 m water-equivalent depth . JCAP,
05, pp. 015, 2012.

[46] C. Galbiati and others.
First evidence of pep solar neutrinos by direct detection in Borexino . J. Phys. Conf. Ser.,
375,
pp. 042030, 2012.

[47] Aldo Ianni and others.
Artificial neutrino source experiment in Borexino. J. Phys. Conf. Ser., 375, pp. 042066,
2012.

[48] G. Testera and others.
High precision Be-7 solar neutrinos measurement and day night effect obtained with
Borexino. Nucl. Instrum. Meth. A, 692, pp. 258–261, 2012.

[49] Gioacchino Ranucci and others.
Recent results on solar neutrinos. PoS, HQL2012, pp. 052, 2012.

[50] G. Bellini and others.
First evidence of pep solar neutrinos by direct detection in Borexino . Phys. Rev. Lett.,
108, pp.
051302, 2012.

[51] G. Bellini and others.
Precision measurement of the ^7Be solar neutrino interaction rate in Borexino . Phys.
Rev. Lett.,
107, pp. 141302, 2011.

[52] G. Bellini and others.
Absence of day--night asymmetry of 862 keV ^7Be solar neutrino rate in Borexino and
MSW
oscillation parameters. Phys. Lett. B, 707, pp. 22–26, 2012.

[53] G. Bellini and others.
Muon and Cosmogenic Neutron Detection in Borexino. JINST, 6, pp. P05005, 2011.

[54] Gioacchino Ranucci and others.

Results and physics implications of the precision measurement of the Be-7 solar neutrino flux performed with the Borexino detector. PoS, EPS-HEP2011, pp. 082, 2011.

[55] G. Bellini and others.

Study of solar and other unknown anti-neutrino fluxes with Borexino at LNGS . Phys. Lett. B,

696, pp. 191–196, 2011.

[56] V. M. Abazov and others.

Measurement of the Differential Cross-Section for the Production of an Isolated Photon with

Associated Jet in $p \bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV. Phys. Lett. B, 666, pp. 435–445, 2008.