

The list below gives published articles from the MiniBooNE Collaboration Updated on 30 July 2010.

References

- [1] A. A. Aguilar-Arevalo et al. Observed Event Excess in the MiniBooNE Search for $\bar{\nu}_\mu \rightarrow \bar{\nu}_e$ Oscillations. 2010. Also available as FERMILAB-PUB-10-225-E or arXiv:arXiv:1007.1150 [hep-ex].
- [2] A. A. Aguilar-Arevalo et al. First Measurement of the Muon Neutrino Charged Current Quasielastic Double Differential Cross Section. *Phys. Rev.*, D81:092005, 2010. Also available as FERMILAB-PUB-10-046-E or arXiv:1002.2680 [hep-ex].
- [3] A. A. Aguilar-Arevalo et al. A Search for Core-Collapse Supernovae using the MiniBooNE Neutrino Detector. *Phys. Rev.*, D81:032001, 2010. Also available as FERMILAB-PUB-09-503-E or arXiv:arXiv:0910.3182 [astro-ph.HE].
- [4] A. A. Aguilar-Arevalo et al. Measurement of ν_μ and $\bar{\nu}_\mu$ induced neutral current single π^0 production cross sections on mineral oil at $E_\nu \sim O(1\text{GeV})$. *Phys. Rev. D*, 81:013005, 2010. Also available as FERMILAB-PUB-09-583-E or arXiv:0911.2063 [hep-ex].
- [5] A. A. Aguilar-Arevalo et al. A Search for Electron Antineutrino Appearance at the $\Delta m^2 \sim 1\text{eV}^2$ Scale. *Phys. Rev. Lett.*, 103:111801, 2009. Also available as FERMILAB-PUB-09-446-PPD or arXiv:0904.1958 [hep-ex].
- [6] A. A. Aguilar-Arevalo et al. Measurement of the ν_μ charged current π^+ to quasi-elastic cross section ratio on mineral oil in a 0.8 GeV neutrino beam. *Phys. Rev. Lett.*, 103:081801, 2009. Also available as FERMILAB-PUB-09-405-E or arXiv:0904.3159 [hep-ex].
- [7] Alexis A. Aguilar-Arevalo et al. A search for muon neutrino and antineutrino disappearance in MiniBooNE. *Phys. Rev. Lett.*, 103:061802, 2009. Also available as FERMILAB-PUB-09-076-PPD or arXiv:0903.2465 [hep-ex].
- [8] A. A. Aguilar-Arevalo et al. Unexplained Excess of Electron-Like Events From a 1-GeV Neutrino Beam. *Phys. Rev. Lett.*, 102, 2009. Also available as Fermilab-Pub-08-570 or arXiv:0812.2243 [hep-ex].

- [9] P. Adamson et al. First Measurement of ν_μ and ν_e Events in an Off-Axis Horn-Focused Neutrino Beam. *Phys. Rev. Lett.*, 102, 2009. Also available as Fermilab-Pub-08-355-E or arXiv:0809.2447 [hep-ex].
- [10] A. A. Aguilar-Arevalo et al. The MiniBooNE Detector. *Nucl. Inst. and Meth. in Physics Research, A*, 599:28–46, 2009. Also available as FERMILAB-PUB-08-210 or arXiv:0806.4201 [hep-ex].
- [11] A. A. Aguilar-Arevalo et al. The Neutrino Flux prediction at MiniBooNE. *Phys.Rev.D*, 79:072002, 2008. Also available as FERMILAB-PUB-08-161-AD-E or rXiv:0806.1449 [hep-ex].
- [12] A. A. Aguilar-Arevalo et al. Compatibility of high- Δm^2 ν_e and $\bar{\nu}_e$ neutrino oscillation searches. *Phys. Rev.*, D78:012007, 2008. Also available as FERMILAB-PUB-08-120-E or arXiv:0805.1764 [hep-ex].
- [13] A. A. Aguilar-Arevalo et al. First Observation of Coherent π^0 Production in Neutrino Nucleus Interactions with $E_\nu < 2$ GeV. *Phys. Lett.*, B664:41–46, 2008. Also available as FERMILAB-PUB-08-102-E or arXiv:0803.3423 [hep-ex].
- [14] A. A. Aguilar-Arevalo et al. Constraining Muon Internal Bremsstrahlung as a Contribution to the MiniBooNE Low Energy Excess. 2007. Also available as FERMILAB-PUB-07-559-E or arXiv:0710.3897 [hep-ex].
- [15] A. A. Aguilar-Arevalo et al. Measurement of muon neutrino quasielastic scattering on carbon. *Phys. Rev. Lett.*, 100:032301, 2008. Also available as FERMILAB-PUB-07-186-E or arXiv:0706.0926 [hep-ex].
- [16] A. A. Aguilar-Arevalo et al. A Search for electron neutrino appearance at the $\Delta m^2 \sim 1\text{eV}^2$ scale. *Phys. Rev. Lett.*, 98:231801, 2007. Also available as FERMILAB-PUB-07-085-E or arXiv:0704.1500 [hep-ex].
- [17] Bruce C. Brown et al. Study of scintillation, fluorescence and scattering in mineral oil for the MiniBooNE neutrino detector. In *2004 IEEE Nucl. Sci. Symp. Conf. Rec.*, volume 1, pages 652–656, 2006. Also available as FERMILAB-CONF-04-282-E.