

Publications

(selected list from 467 publications):

- 1) M. Ambrosio et al. MACRO Collaboration. SEARCH FOR DIFFUSE NEUTRINO FLUX FROM ASTROPHYSICAL COURSES WITH MACRO. *Astroparticle Phys.* 19, 1 (2003).
- 2) M. Ambrosio et al. MACRO Collaboration. SEARCH FOR COSMIC RAY SOURCES USING MUONS DETECTED BY THE MACRO EXPERIMENT. *Astroparticle Phys.* 18, 615 (2003).
- 3) M. Ambrosio et al. MACRO Collaboration. SEARCH FOR THE SIDEREAL AND SOLAR DIURNAL MODULATIONS IN THE TOTAL MACRO MUON DATA SET. *Phys. Rev. D*67: 042002 (2003).
- 4) M. Ambrosio et al. MACRO Collaboration. FINAL RESULTS OF MAGNETIC MONOPOLE SEARCHES WITH THE MACRO EXPERIMENT. *Eur.Phys.J.C*25:511-522 (2002).
- 5) B. C. Barish. THE SCIENCE AND DETECTION OF GRAVITATIONAL WAVES. *Braz.J.Phys.*32:831-837 (2002).
- 6) B.C. Barish, G. Billingsley, J. Camp, W.P. Kells, G.H. Sanders, S.E. Whitcomb, L.Y. Zhang, R.Y. Zhu (Caltech, Kellogg Lab), P.Z. Deng, Jun Xu, G.Q. Zhou, Yong Zong Zhou (Shanghai, Inst. Optics, Fine Mech.). DEVELOPMENT OF LARGE SIZE SAPPHIRE CRYSTALS FOR LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY. Prepared for IEEE 2001 Nuclear Science Symposium (NSS) and Medical Imaging Conference (MIC), San Diego, California, 4-10 Nov 2001. Published in *IEEE Trans.Nucl.Sci.*49:1233-1237, 2002.
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- 10) M. Ambrosio et al. MACRO Collaboration. LOW-ENERGY ATMOSPHERIC MUON NEUTRINOS IN MACRO. *Phys.Lett.B*478:5-13, (2000).

- 11) M. Ambrosio et. al. MACRO Collaboration. NUCLEARITE SEARCH WITH THE MACRO DETECTOR AT GRAN SASSO Eur. Phys. J.C 13, 453-458 (2000).
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- 13) B. C. Barish. DETECTING GRAVITATIONAL WAVES. PROBING LUMINOUS AND DARK MATTER; A SYMPOSIUM IN HONOR OF ADRIAN MELISSINOS. World Sci. Publ. Co., Editors: A. Das & T. Ferbel, 18-30 (2000).
- 14) B. C. Barish and Rainer Weiss. LIGO AND THE DETECTION OF GRAVITATIONAL WAVES Physics Today October (1999).
- 15) B. C. Barish. MINOS - A STATUS REPORT. Nucl. Phys. B (Proc. Suppl.) 70 227-229 (1999).
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