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Nota di contenuto	CONTENTS; Preface; Improved Tests of Lorentz and CPT Symmetry using Noble-Gas Masers A . Glenday, D.F. Phillips, and R.L. Walsworth; 1. Introduction; 2. Motivation; 3. ¹²⁹ Xe/ ³ He maser upgrades for Lorentz/CPT tests; 4. Conclusions; Acknowledgments; References; A Modern Michelson-Morley Experiment using Actively Rotated Optical Resonators S. Herrmann et al.; 1. Introduction; 2. The experiment; 3. Preliminary results; 4. Outlook; References; Rotating Experiments to Test Lorentz Invariance in the Photon Sector M.E. Tobar et al.; 1. Rotating Cryogenic Sapphire Oscillator Experiment 2. Rotating Magnetic Interferometer ExperimentReferences; Lorentz Violation, Electrodynamics, and the Cosmic Microwave Background M. Mewes; 1. Introduction; 2. Theory; 3. CMB; 4. Results; Acknowledgments; References; High Energy Astrophysical Tests of Lorentz Invariance B. Altschul; References; Fundamental Physics Experiments in Space (within ESA) T.J. Sumner; 1. Motivation; 2.

Enabling Technologies; 3. Opportunities; 3.1. LISA Pathfinder; 3.1.1. Technological Concept; 3.1.2. Scientific Objectives; 3.2. LISA; 3.2.1. Technological Concept; 3.2.2. Scientific Objectives; 3.3. GAUGE 3.3.1. Technological Concept 3.3.2. Scientific Objectives; References; The Experimental Foundations of the Dirac Equation C. Lammerzahl; 1. The Dirac equation; 2. The generalized Dirac equation; 2.1. General geometrical structures; 2.2. Non-relativistic limit; 3. Tests of LLI and UFF; 4. Test of basic principles; 4.1. Well posedness of Cauchy problem; 4.2. Locality; 4.3. The superposition principle; Acknowledgments; References; Perspectives on Lorentz and CPT Violation V. A. Kostelecky'; 1. Introduction; 2. Approaches and origins; 3. Describing Lorentz violation 3.1. Modified Lorentz transformations 3.2. Modified dispersion laws; 3.3. Effective field theory and the SME; 4. Gravity and Lorentz violation; 5. The search for signals; Acknowledgments; References; Search for Lorentz and CPT Violation Effects in Muon Spin Precession B.L. Roberts; 1. Introduction; 2. Experiment E821 at the BNL AGS; Acknowledgments; References; Lorentz Violation in a Diffeomorphism-Invariant Theory R. Jackiw; 1. Gauge Theory Preliminary; 2. Diffeomorphism Invariant Gravity Theory; 3. Reprise; Acknowledgments; References; Studies of CPT Symmetry with ASACUSA R.S. Hayano 1. Introduction 2. Weighing the antiproton - the method; 3. Weighing the antiproton - results; 4. Outlook; Acknowledgments; References; Neutrino Oscillations and Lorentz Violation with MiniBooNE R. Tayloe and T. Katori; 1. Neutrino Oscillations, Lorentz Violation, and LSND; 2. The Tandem Model; 3. The MiniBooNE Experiment; 4. Analysis and Results; References; Testing Lorentz and CPT Invariance with MINOS Near Detector Neutrinos B.J. Rebel and S.L. Mufson; 1. Introduction; 2. Data Sample; 3. Results; 4. Future Work; References Einstein-ether Gravity: Theory and Observational Constraints T. Jacobson

Sommario/riassunto

This book contains the proceedings of the Fourth Meeting on CPT and Lorentz Symmetry, held at Indiana University in Bloomington on August 8-11, 2007. The Meeting focused on experimental tests of these fundamental symmetries and on important theoretical issues, including scenarios for possible relativity violations. Experimental subjects covered include: astrophysical observations, clock-comparison measurements, cosmological birefringence, electromagnetic resonant cavities, gravitational tests, matter interferometry, muon behavior, neutrino oscillations, oscillations and decays of neutral meso