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Nota di contenuto	World Year of Physics 2005: The Concept of Mass in the Einstein Year (L B Okun); Neutrino Physics: Accelerator Neutrino Experiments (T Kobayashi); Double Beta Decay Experiments (A Barabash); Astroparticle Physics and Cosmology: Dark Matter Investigations (R Bernabei et al.); Indirect Dark Matter Search (V Zhukov); Physical Degrees of Freedom in a Stabilized Randall-Sundrum Model (E Boos et al.); CP Violation and Rare Decays: On CP Effects Generated by Electroweak Penguin Diagrams in Non-Leptonic K Decays (E Shabalin); Rare Semileptonic Meson Decays in R-Parity Violating MSSM (A Ali et al.); Hadron Physics: Deep Inelastic Spin Structure Functions at Small x (B Ermolaev et al.); Production of Heavy Baryons (S Baranov & V Slad); Physics at Accelerators and Studies in SM and Beyond: Top Quark Physics (E Boos); Review of CKM Results from BaBar (E Rosenberg); New Developments in Quantum Field Theory: Predictions for the Muon g-2 (M Passera);

Collapse of Positronium and Vacuum Instability (A Shabad); Problems of Intelligentsia: Resisters and Pacifists, the Intelligentsia Fights Back (J Bleimaier); I Was a Terrorist (M Mockers); and other papers.

Sommario/riassunto

Features proceedings devoted to a variety of both theoretical and experimental areas in particle physics. The topics include neutrino and astroparticle physics, tests of the Standard Model and beyond, heavy quark physics, non-perturbative QCD, quantum gravity effects and cosmology, and the physics in the accelerators of the future.
