

1. Record Nr.	UNINA9910458626003321
Titolo	Proceedings of the Fifth Latin American Symposium, High Energy Physics, Lima, Peru, 12-17 July 2004 [[electronic resource] /] / editors, C.J. Solano Salinas, O. Pereyra Ravinez, R. Ochoa Jimenez
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : Word Scientific, c2006
ISBN	1-281-91919-5 9786611919191 981-277-395-9
Descrizione fisica	1 online resource (374 p.)
Altri autori (Persone)	MasperiLuis <1940-2003.> Ochoa JimenezR (Rosendo) Pereyra RavinezO (Orlando) Salano SalinasCarlos Javier
Disciplina	539.7/2
Soggetti	Nuclear physics Particles (Nuclear physics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	" ... organised by the National Engineering University (UNI) in Lima, Peru"--P. v. " ... symposium was also a dedication to the memory of Dr Luis Masperi".
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CONTENTS ; Preface ; Series Editorial Board and other Committees ; Local Organizing Committee ; Foreword by the Editors ; Gallery ; Homages ; In Memoriam Luis Masperi (1940-2003) ; Round Table: Collaborations in Physics in Latin America ; Lectures An Introduction to Strings and Some of its Phenomenological Aspects Neutrino Phenomenology ; An Introduction to Cosmology ; Innovative Experimental Particle Physics Through Technological Advances - Past Present and Future ; Seminars

Grand Unification and Physics Beyond the Standard Model  
 QCD Evolution in Dense Medium ; Future  
 Experiments - GRID and LHC ; BTeV: Using  
 Heavy Quark Decays to Test the Standard Model  
 ; Recent Results from CDF and D0 Experiments  
 ; Matter under Extreme Conditions the ALICE Experiment  
 Recent Results from PHOBOS at RHIC  
 Contributions ; SO(10) as the Minimal Supersymmetric GUT  
 ; A Supersymmetric Three-Family Model Without Higgsinos  
 ; Area-Preserving Diffeomorphisms Groups the Majorana  
 Representation of Spins and SU(N)  
 On the Magnetized Kerr-Newman Black Hole Electrodynamics  
 Supernova Neutrinos and the Absolute Scale of Neutrino Masses - A  
 Bayesian Approach  
 ; Loop Quantum Gravity and Ultra High Energy Cosmic Rays  
 ; QQ Bound States in an Extended QCD2 Model  
 Observational Constraints on Lorentz Symmetry Deformation

## Sommario/riassunto

This proceedings is the fifth in the series of Latin American  
 symposiums focusing on the development, refinement and applications  
 of high energy physics. As the principal meetings for the physics  
 community in Latin America, it encourages collaborations and the  
 exchange of ideas with the international physics communities. This  
 particular symposium was also a dedication to the memory of Dr Luis  
 Masperi. *Sample Chapter(s)*  
 Chapter 1: Round Table:  
 Collaborations in Physics in Latin America (206 KB)  
*Contents:*  

- Neutrino Phenomenology (E  
 Roulet)
- QCD Evol