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Altri autori (Persone)	MieleGennaro LongoG (Giuseppe)
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Nota di contenuto	Contents ; Foreword ; Invited and Oral Presentations ; Planck-Scale Structure of Spacetime and Some Implications for Astrophysics and Cosmology ; On the Way to the Determination of the Cosmic Ray Mass Composition by the Pierre Auger Fluorescence Detector: The Minimum Momentum Method Direct Search for Wimps Ultra High Energy Cosmic Rays ; Hamiltonian Gravity with Variable G A from the Renormalization Group ; The Axion as a Curvaton in String Cosmology Models ; Structure and Evolution of Cluster Galaxies ; Microlensing Towards M31: Candidates and Perspectives Scalar Perturbations in a-Regularised Pre-Big Bang Models Cosmological Density of Dark Compact Objects from Observations of

Lensed QSOS ;
Status of Ligo Interferometers ; Peculiar
Velocities Field and the Matter Density of the Universe in Scalar Field
Quintessence Models
Impact of Foregrounds on Cosmic Microwave Background Maps
Ultrahigh Energy Cosmic Rays and Neutrinos
; The Cosmic Renaissance: Reionization Era as the New Cosmological
Frontier ; The
Energy-Momentum Tensor of Quantum Fluctuations in Chaotic o2
Inflation
Neutrino Oscillations: A Phenomenological Approach
Late-Time Effects of Planck-Scale Cosmology: Dilatonic Interpretation
of the Dark Energy Field
; Prospects for Exavolt Neutrino Astronomy
; High-Energy Neutrino Astronomy ; Neutrino
Cosmology - An Update ; Microlensing Towards
the LMC
Present and Future Neutrino Oscillation Experiments

Sommario/riassunto

This is a collection of review articles and more specialized papers on the main issues of early universe physics. Both theoretical and experimental fields of research are dealt with.
<i>Contents:

- <i>Direct Search for Wimps <i>(R Bernabei et al.)
- <i>Ultra High Energy Cosmic Rays <i>(P Blasi)
- <i>Structure and Evolution of Cluster Galaxies <i>(G Busarello et al.)</i><i>Status of Ligo Interferometers <i>(E D'Ambrosio)</i><i>The Cosmic Renaissance: Reionization Era as the New Cosmological Frontier <i>(S G Djorgovski)
- <i>High-Energy Neutrino Astron
