

1. Record Nr.	UNINA990001444220403321
Autore	Jannamorelli, Bruno
Titolo	La corsa agli armamenti / Bruno Jannamorelli
Pubbl/distr/stampa	Torino : Edizioni Gruppo Abele, c1986
ISBN	88-7670-058-7
Descrizione fisica	62 p. ; 28 cm
Collana	Progetto di educazione alla pace
Disciplina	00-09
Locazione	FI1
Collocazione	11-097
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910155528103321
Autore	Sigl Günter
Titolo	Astroparticle Physics: Theory and Phenomenology // by Günter Sigl
Pubbl/distr/stampa	Paris : , : Atlantis Press : , : Imprint : Atlantis Press, , 2017
ISBN	94-6239-243-9
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXXIV, 861 p. 90 illus., 71 illus. in color.)
Collana	Atlantis Studies in Astroparticle Physics and Cosmology, , 1879-6931 ; ; 1
Disciplina	523.01
Soggetti	Astrophysics Cosmology Plasma (ionized gases) Mathematical physics Plasma Physics Theoretical, Mathematical and Computational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

1.Electroweak Interactions and Neutrinos -- 2.The Fundamental Gauge Interactions and Their Description -- 3.The Universe between Today and First Light -- 4.The Early Universe before First Light -- 5.Detection Techniques and Experimental Results -- 6.Cosmic Ray Sources and Acceleration -- 7.Cosmic Ray Propagation -- 8.Electromagnetic Radiation in Astrophysics -- 9.High Energy Extraterrestrial Neutrino Fluxes and Their Detection -- 10.Neutrino Properties -- 11.Neutrino Oscillations -- 12.Neutrino Properties and their Role in Astrophysics and Cosmology -- 13.Weak Gravitational Fields and Gravitational Waves -- 14.Dark Matter -- 15.New Light and Heavy Matter States and Their Role in Astrophysics and Cosmology -- 16.Violation of Fundamental Symmetries.

Sommario/riassunto

This book aims at giving an overview over theoretical and phenomenological aspects of particle astrophysics and particle cosmology. To be of interest for both students and researchers in neighboring fields of physics, it keeps a balance between well established foundations that will not significantly change in the future and a more in-depth treatment of selected subfields in which significant new developments have been taking place recently. These include high energy particle astrophysics, such as cosmic high energy neutrinos, the interplay between detection techniques of dark matter in the laboratory and in high energy cosmic radiation, axion-like particles, and relics of the early Universe such as primordial magnetic fields and gravitational waves. It also contains exercises and thus will be suitable for both introductory and advanced courses in astroparticle physics.