

1. Record Nr.	UNINA9910488713903321
Autore	Hauschild Michael
Titolo	Exploring the Large Hadron Collider -- CERN and the accelerators : the world machine clearly explained / / Michael Hauschild
Pubbl/distr/stampa	Wiesbaden : , : Springer, , [2021] ©2021
ISBN	3-658-32726-X
Descrizione fisica	1 online resource (71 pages)
Collana	Essentials
Disciplina	539.73
Soggetti	Particle accelerators Particle accelerators - Calibration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- What You Can Find in This essential -- Preface -- Contents -- 1 CERN-The Laboratory -- 1.1 The Beginnings -- 1.2 The Organization -- 1.3 A Center of Science and Technology -- 1.4 Life at CERN -- 2 The CERN Accelerators -- 2.1 The Source of Protons -- 2.2 The First Collider-The Intersecting Storage Rings (ISR) -- 2.3 In the Underground-The SPS -- 3 A Bit of Physics-The Standard Model -- 3.1 Quarks, Waves, and Particles -- 3.2 Matter Particles and Force Carriers -- 3.3 Interactions -- 3.4 And the Higgs? -- 4 The First Nobel Prize: The W and Z0 Bosons -- 4.1 The SpbarpS Collider -- 4.2 Antiprotons Are Cool -- 4.3 In the Underground-UA1 and UA2 -- 5 Particle Accelerator-How Does that Work? -- 5.1 How Do You Accelerate Particles? -- 5.2 More Voltage! -- 5.3 Always Straight Ahead-Linear Accelerators -- 5.4 Always Around-Circular Accelerators -- 6 The Large Hadron Collider (LHC) -- 6.1 Think Big!-The 27-Km Tunnel -- 6.2 One Tunnel-Two Accelerators? -- 6.3 Everything's Great, Right?-The Superconducting Super Collider (SSC) -- 6.4 The World Machine -- 6.5 Colder than the Universe -- 6.6 A Quench Rarely Comes Alone -- 7 Outlook -- What You Learned From This essential -- Annex -- Design parameters of the LHC -- References.

2. Record Nr.	UNICAMPANIAVAN0054391
Autore	Buchi, J. Richard
Titolo	Finite automata, their algebras and grammars : towards a theory of formal expressions / J. Richard Buchi ; editor Dirk Siefkes
Pubbl/distr/stampa	New York, : Springer, 1989
ISBN	978-14-613-8855-5
Descrizione fisica	XXII, 316 p. : ill. ; 24 cm
Soggetti	68-XX - Computer science [MSC 2020] 68Q42 - Grammars and rewriting systems [MSC 2020] 68Q70 - Algebraic theory of languages and automata [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia