

1. Record Nr.	UNISALENTO991002920249707536
Titolo	Particle fever / Abramorama ; Bond/360 ; Anthos Media, LLC, in association with PF Productions, LLC, presents ; a Mark A. Levinson and David E. Kaplan film ; producers, Andrea Miller and Carla Solomon ; producer, David E. Kaplan ; producer and director, Mark A. Levinson
Pubbl/distr/stampa	Sausalito, CA : Ro*Co Films Educational, 2014
Edizione	[Educational edition]
Descrizione fisica	1 videodisc (99 min.) : sound, colour ; 4 3/4 in.
Classificazione	LC QC787.P73 53.3
Altri autori (Persone)	Levinson, Mark Alan Kaplan, David Elazzar Miller, Andrea Solomon, Carla Jackson, Thomas Campbell Ohrstrom, Gerry Murch, Walter Raschke-Robinson, Claudia Held, Wolfgang Miller, Robert Aleksa, Martin Arkani-Hamed, Nima Dimopoulos, Savas Dunford, Monica Gianotti, Fabiola Lamont, Mike Higgs, Peter
Altri autori (Enti)	Abramorama (Firm)author BOND/360 (Firm) Anthos Media, LLC PF Productions MK12 Studios (Firm) Ro*Co Films Educational (Firm)
Altri autori (Convegni)	Athens International Film and Video Festival (2014)
Disciplina	539.7/360944
Soggetti	Large Hadron Collider (France and Switzerland) Particle beams, Colliding - Experiments Particles (Nuclear physics) - Experiments Collisions (Nuclear physics) - Experiments Proton-antiproton colliders Higgs bosons

Matter - Constitution
Supercolliders - Switzerland
Particle accelerators
Nuclear physicists - Interviews
Standard model (Nuclear physics)
Quantum cosmology
Quantum field theory
European Organization for Nuclear Research

Lingua di pubblicazione

Tedesco
Italiano
Inglese
Francese

Formato

Video DVD

Livello bibliografico

Monografia

Note generali

[Presented by] Anthos Media, LLC in association with PF Productions, LLC
Special features: customized video chapters and additional excerpts for classroom discussion

Nota di contenuto

CERN 2007 - David meets Fabiola -- Aspen Center for Physics talk -- Experimentalists and theorists -- Monica explains the LHC -- History of particle physics -- The magnificent machine -- First beam test -- ATLAS start-up party -- The accident -- Discovery is a marathon -- Sculpture garden - supersymmetry -- Big problems - the multiverse -- First high energy collisions -- Summer of 140 -- Higgs discovery!

Sommario/riassunto

"PARTICLE FEVER gives audiences a front row seat to our generation's most significant and inspiring scientific breakthrough as it happens. The film follows six brilliant scientists during the launch of the Large Hadron Collider, marking the start-up of the biggest and most expensive experiment in the history of the planet. 10,000 scientists from over 100 countries join forces in pursuit of a single goal: to recreate conditions that existed just moments after the Big Bang and find the Higgs boson, potentially explaining the origin of all matter. But our heroes confront an even bigger challenge: have we reached our limit in understanding why we exist? PARTICLE FEVER is a celebration of discovery, revealing the very human stories behind the tale of this epic experiment."--Container