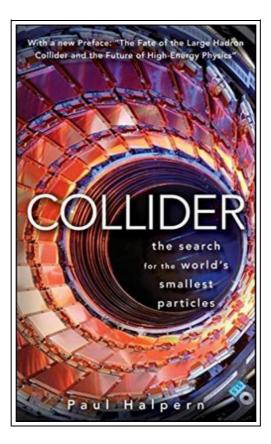
# Collider: The Search for the World's Smallest Particles (Paperback)



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## Reviews

Extensive guide! Its such a very good read. I really could comprehended almost everything out of this created e ebook. You will like how the writer write this ebook. (Katherine Feil)

### COLLIDER: THE SEARCH FOR THE WORLD S SMALLEST PARTICLES (PAPERBACK)



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Turner Publishing Company, United Kingdom, 2010. Paperback. Condition: New. Language: English . Brand New Book. An accessible look at the hottest topic in physics and the experiments that will transform our understanding of the universeThe biggest news in science today is the Large Hadron Collider, the world s largest and most powerful particle-smasher, and the anticipation of finally discovering the Higgs boson particle. But what is the Higgs boson and why is it often referred to as the God Particle? Why are the Higgs and the LHC so important? Getting a handle on the science behind the LHC can be difficult for anyone without an advanced degree in particle physics, but you don t need to go back to school to learn about it. In Collider, award-winning physicist Paul Halpern provides you with the tools you need to understand what the LHC is and what it hopes to discover.Comprehensive, accessible guide to the theory, history, and science behind experimental high-energy physicsExplains why particle physics could well be on the verge of some of its greatest breakthroughs, changing what we think we know about quarks, string theory, dark matter, dark energy, and the fundamentals of modern physicsTells you why the theoretical Higgs boson is often referred to as the God particle and how its discovery could change our understanding of the universeClearly explains why fears that the LHC could create a miniature black hole that could swallow up the Earth amount to a tempest in a very tiny teapot Best of 2009 Sci-Tech Books (Physics) -Library Journal Halpern makes the search for mysterious particles pertinent and exciting by explaining clearly what we don t know about the universe, and offering a hopeful outlook for future research. -Publishers WeeklyIncludes a new author preface, The Fate of the Large Hadron Collider and the...

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