

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series)

By Ellen Jackson

Download Read Online

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson

The universe is rapidly expanding. Of that much scientists are certain. But how fast? And with what implications regarding the fate of the universe?
Ellen Jackson and Nic Bishop follow Dr. Alex Fillippenko and his High-Z Supernova Search Team to Mauna Kea volcano in Hawaii, where they will study space phenomena and look for supernovae, dying stars that explode with the power of billions of hydrogen bombs. Dr. Fillippenko looks for black holes--areas in space with such a strong gravitational pull that no matter or energy can escape from them--with his robotic telescope. And they study the effects of dark energy, the mysterious force that scientists believe is pushing the universe apart, causing its constant and accelerating expansion.

Download Mysterious Universe: Supernovae, Dark Energy, and ...pdf

Read Online Mysterious Universe: Supernovae, Dark Energy, an ...pdf

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series)

By Ellen Jackson

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson

The universe is rapidly expanding. Of that much scientists are certain. But how fast? And with what implications regarding the fate of the universe?
Ellen Jackson and Nic Bishop follow Dr. Alex Fillippenko and his High-Z Supernova Search Team to Mauna Kea volcano in Hawaii, where they will study space phenomena and look for supernovae, dying stars that explode with the power of billions of hydrogen bombs. Dr. Fillippenko looks for black holes--areas in space with such a strong gravitational pull that no matter or energy can escape from them--with his robotic telescope. And they study the effects of dark energy, the mysterious force that scientists believe is pushing the universe apart, causing its constant and accelerating expansion.

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson Bibliography

- Sales Rank: #1151403 in Books
- Brand: Sandpiper
- Published on: 2011-08-01
- Released on: 2011-08-01
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x .23" w x 11.00" l, .65 pounds
- Binding: Paperback
- 64 pages

Download Mysterious Universe: Supernovae, Dark Energy, and ...pdf

Read Online Mysterious Universe: Supernovae, Dark Energy, an ...pdf

Download and Read Free Online Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson

Editorial Review

From School Library Journal
Grade 5–7—This entry in an exemplary series follows prominent astronomer Alex Filippenko and associates from the Keck Observatory in Hawaii to the Lick Observatory in California on a hunt for supernovae and related large-scale astronomical phenomena. Though portraying astronomers in action isn't easy-mostly they sit and stare at screens— the charismatic Filippenko does his best, pouring sand through his fingers to hint at the numbers of stars in one of Bishop's bright color photos and dressing up as a Black Hole in another. Along with depicting the scientists, the images also include massive telescopes and photos or digital simulations of galaxies, exploding stars, and other astronomical phenomena. Gray mottled backgrounds give the blocks of text a smudged look, but that won't diminish the sense of adventure that readers will feel as they join a team of researchers on science's biggest frontier. Multimedia resource lists are appended.—*John Peters, New York Public Library*
Copyright © Reed Business Information, a division of Reed Elsevier Inc. All rights reserved.

From Booklist
A potentially crushing moment for aspiring astronomers might be when they learn that, in reality, most of these scientists’ time is spent looking at a computer screen. Although this entry in the consistently top-notch Scientists in the Field series remains honest about less-than-glamorous aspects of the featured career, its enthusiastic approach will bring even disillusioned stargazers right back into the fold. Focusing on astronomer Alex Filippenko and his work at some of the world’s most sophisticated astronomical facilities, the book illustrates his contagious excitement about his field. It also focuses on viscerally fascinating celestial subjects: supernovae, dark energy, and black holes. These are fairly complex matters, but Jackson’s treatment makes them accessible through reasoned explanations and comparisons, helpful diagrams, and, of course, dazzling photographs of the universe’s most awesome spectacles. Splitting its attention evenly between the scientist and his field, this handsomely designed volume displays the joys of being fascinated by one’s work in a way that will encourage students to seek similar professional satisfaction for themselves. Grades 5-8. --Ian Chipman

Review

"[This] handsomely designed volume displays the joys of being fascinated by one's work.” 6/1-615/2008 Booklist, ALA

“Thoughtful design adds to the pleasure of this splendid invitation to explore darker corners of the universe." 5/1/08 Kirkus Reviews, Starred

"[A] sense of adventure that readers will feel as they join a team of researchers on science's biggest frontier." School Library Journal

Users Review

From reader reviews:

Christopher Clarke:

The experience that you get from Mysterious Universe: Supernovae, Dark Energy, and Black Holes

(Scientists in the Field Series) may be the more deep you rooting the information that hide in the words the more you get serious about reading it. It does not mean that this book is hard to know but Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) giving you joy feeling of reading. The writer conveys their point in a number of way that can be understood through anyone who read the idea because the author of this e-book is well-known enough. This kind of book also makes your own personal vocabulary increase well. So it is easy to understand then can go to you, both in printed or e-book style are available. We suggest you for having this specific Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) instantly.

Betty Castaneda:

Hey guys, do you wishes to finds a new book to see? May be the book with the concept Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) suitable to you? Often the book was written by famous writer in this era. Typically the book untitled Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series)is the main of several books that everyone read now. That book was inspired many men and women in the world. When you read this guide you will enter the new age that you ever know before. The author explained their thought in the simple way, so all of people can easily to be aware of the core of this publication. This book will give you a lot of information about this world now. In order to see the represented of the world within this book.

Phillip Permenter:

Reading can called brain hangout, why? Because when you are reading a book mainly book entitled Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) your head will drift away trough every dimension, wandering in each and every aspect that maybe mysterious for but surely can be your mind friends. Imaging every word written in a book then become one web form conclusion and explanation in which maybe you never get ahead of. The Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) giving you yet another experience more than blown away your head but also giving you useful information for your better life in this particular era. So now let us show you the relaxing pattern here is your body and mind will probably be pleased when you are finished looking at it, like winning an activity. Do you want to try this extraordinary paying spare time activity?

Joseph Cosgrove:

It is possible to spend your free time to read this book this e-book. This Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) is simple to deliver you can read it in the playground, in the beach, train and also soon. If you did not possess much space to bring typically the printed book, you can buy the actual e-book. It is make you quicker to read it. You can save typically the book in your smart phone. And so there are a lot of benefits that you will get when you buy this book.

Download and Read Online Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson #VWP9JUYZ6OD

Read Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson for online ebook

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson books to read online.

Online Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson ebook PDF download

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson Doc

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson Mobipocket

Mysterious Universe: Supernovae, Dark Energy, and Black Holes (Scientists in the Field Series) By Ellen Jackson EPub