



Einstein's Cosmos: How Albert Einstein's Vision Transformed Our Understanding of Space and Time (Great Discoveries)

By Michio Kaku

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In paperback for the centenary of the discovery of relativity, "a fresh and highly visual tour through Einstein's astonishing legacy" (Brian Greene).

The year 2005 marks the 100th anniversary of the publication of the paper that launched Einstein's career, made $E=mc^2$ famous, and ushered in a revolution in science—the paper that announced the theory of special relativity. And there's no better short book that explains just what Einstein did than *Einstein's Cosmos*. Keying Einstein's crucial discoveries to the simple mental images that inspired them, Michio Kaku finds a revealing new way to discuss these ideas, and delivers an appealing and always accessible introduction to Einstein's work.

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- Sales Rank: #124491 in eBooks
- Published on: 2005-05-17
- Released on: 2010-03-01
- Format: Kindle eBook

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Editorial Review

From Scientific American

Thanks to Kaku's insight (he is a theoretical physicist) and his flair for explaining dense scientific concepts (he is a best-selling author), this brief book weaves Einstein's life and work into a seamless, hard-to-put-down narrative. The organizing metaphor is how Einstein thought in terms of simple physical pictures--speeding trains, falling elevators, moving clocks. Excellent for the neophyte or readers who want to refresh their knowledge about Einstein without being talked down to or bored.

Editors of Scientific American

From [Booklist](#)

Recent popular works about Einstein have magnified select details of his life, such as his tempestuous marriage to Mileva Maric (*Einstein in Love*, by Dennis Overbye, 2000) or his FBI file (*The Einstein File*, by Fred Jerome [BKL Ap 1 03]). Such topics are reduced to paragraphs in Kaku's presentation, for Einstein's life ranks second to his science here. Accordingly, Kaku divides his narrative into the three great segments of Einstein's scientific arc: the theory of special relativity in 1905; the theory of general relativity in 1916; and the balance of Einstein's intellectual life. The latter was spent searching for a unified field theory and saw the rise of his phenomenal celebrity, which his peers regarded as a dubious dissipation of genius. However, such lamentations were premature, according to Kaku, who explicates recent discoveries that show Einstein was only audaciously ahead of his scientific time, as usual. An expert in quantum mechanics and string theory, Kaku is an equally able popular writer, vividly evoking the pictorial imagination behind Einstein's revolutionary thinking. *Gilbert Taylor*

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Review

"Kaku enables the reader to see and think as Einstein did, leading us to a simpler, more complete understanding of several of the most important scientific ideas of our time."

Users Review

From reader reviews:

Scott Halpin:

Nowadays reading books are more than want or need but also be a life style. This reading addiction give you lot of advantages. The benefits you got of course the knowledge your information inside the book which improve your knowledge and information. The knowledge you get based on what kind of book you read, if you want drive more knowledge just go with education and learning books but if you want truly feel happy read one along with theme for entertaining such as comic or novel. Typically the Einstein's Cosmos: How Albert Einstein's Vision Transformed Our Understanding of Space and Time (Great Discoveries) is kind of book which is giving the reader unstable experience.

Scott Seward:

People live in this new morning of lifestyle always aim to and must have the spare time or they will get lots of stress from both everyday life and work. So , once we ask do people have extra time, we will say absolutely sure. People is human not really a robot. Then we request again, what kind of activity are there when the spare time coming to anyone of course your answer will unlimited right. Then ever try this one, reading books. It can be your alternative inside spending your spare time, the particular book you have read is definitely Einstein's Cosmos: How Albert Einstein's Vision Transformed Our Understanding of Space and Time (Great Discoveries).

Todd Jacob:

In this period globalization it is important to someone to get information. The information will make a professional understand the condition of the world. The health of the world makes the information simpler to share. You can find a lot of personal references to get information example: internet, magazine, book, and soon. You can see that now, a lot of publisher that print many kinds of book. The book that recommended for you is Einstein's Cosmos: How Albert Einstein's Vision Transformed Our Understanding of Space and Time (Great Discoveries) this reserve consist a lot of the information of the condition of this world now. This particular book was represented how do the world has grown up. The words styles that writer require to explain it is easy to understand. Often the writer made some analysis when he makes this book. Honestly, that is why this book suitable all of you.

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