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How Old Is the Universe?

David A. Weintraub

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Astronomers have determined that our universe is 13.7 billion years old. How exactly did they come to this precise conclusion? *How Old Is the Universe?* tells the incredible story of how astronomers solved one of the most compelling mysteries in science and, along the way, introduces readers to fundamental concepts and cutting-edge advances in modern astronomy.

The age of our universe poses a deceptively simple question, and its answer carries profound implications for science, religion, and philosophy. David Weintraub traces the centuries-old quest by astronomers to fathom the secrets of the nighttime sky. Describing the achievements of the visionaries whose discoveries collectively unveiled a fundamental mystery, he shows how many independent lines of inquiry and much painstakingly gathered evidence, when fitted together like pieces in a cosmic puzzle, led to the long-sought answer. Astronomers don't believe the universe is 13.7 billion years old--they know it. You will too after reading this book. By focusing on one of the most crucial questions about the universe and challenging readers to understand the answer, Weintraub familiarizes readers with the ideas and phenomena at the heart of modern astronomy, including red giants and white dwarfs, cepheid variable stars and supernovae, clusters of galaxies, gravitational lensing, dark matter, dark energy and the accelerating universe--and much more. Offering a unique historical approach to astronomy, *How Old Is the Universe?* sheds light on the inner workings of scientific inquiry and reveals how astronomers grapple with deep questions about the physical nature of our universe.

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William Mayer:

A lot of people always spent all their free time to vacation or perhaps go to the outside with them loved ones or their friend. Do you realize? Many a lot of people spent they will free time just watching TV, or maybe playing video games all day long. If you want to try to find a new activity here is look different you can read the book. It is really fun for you personally. If you enjoy the book which you read you can spent all day long to reading a book. The book How Old Is the Universe? it is quite good to read. There are a lot of those who recommended this book. They were enjoying reading this book. When you did not have enough space bringing this book you can buy the particular e-book. You can m0ore effortlessly to read this book out of your smart phone. The price is not too expensive but this book has high quality.

Stephen Rael:

Reading can called brain hangout, why? Because while you are reading a book specifically book entitled How Old Is the Universe? your thoughts will drift away trough every dimension, wandering in each aspect that maybe mysterious for but surely will become your mind friends. Imaging every word written in a reserve then become one type conclusion and explanation which maybe you never get prior to. The How Old Is the Universe? giving you one more experience more than blown away your thoughts but also giving you useful information for your better life in this particular era. So now let us show you the relaxing pattern this is your body and mind will probably be pleased when you are finished reading through it, like winning a. Do you want to try this extraordinary shelling out spare time activity?

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