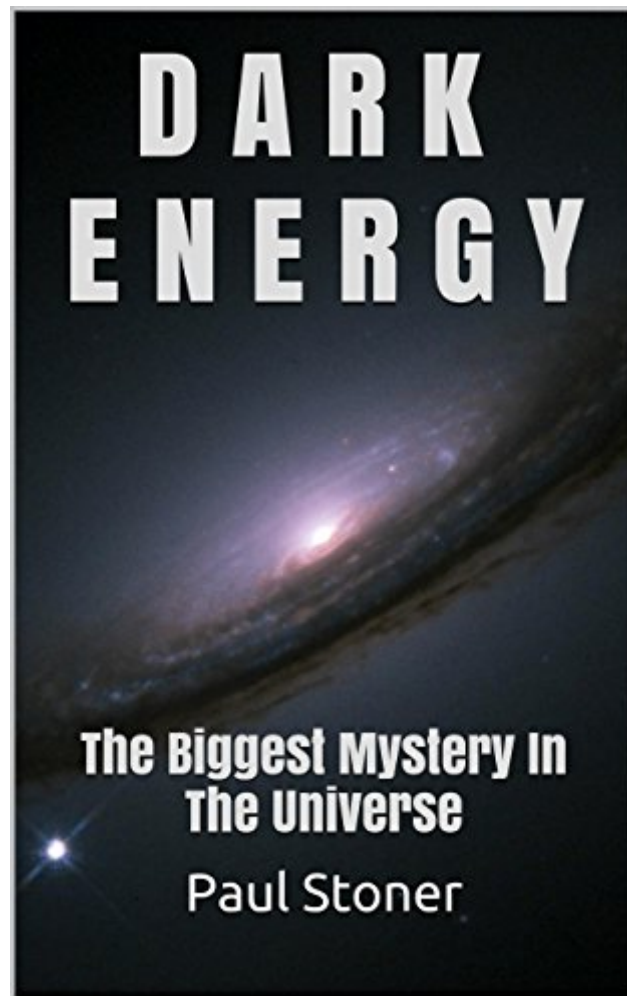




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# **DARK ENERGY: The Biggest Mystery In The Universe (dark Matter, How The Universe Works, Holographic Universe, Quantum Physics) (black Holes, Parallel Universe, The String Theory)**





## Synopsis

A Dutch astronomer, Jan Hendrik Oort discovered dark matter in the year 1932. He has been called one of the century's foremost explorers of the universe by the New York Times obituary. His ground breaking discoveries indicated to us that there is much more out there in our solar system than we knew about. Jan described dark matter to be the cause of the gravitational pull which pulls and keeps all the galaxies together. It was also thought that this gravity would slow the expansion of the universe as time went on. In 1998 however the Hubble Space Telescope made another discovery about the expansion of the universe. It had not been slowed down despite the presence of gravity. The expansion was occurring even faster than what it had been before. Some mysterious thing was responsible for this expansion. It was given the name of dark energy. Dark energy can be described to be the property of space. Einstein discovered that it is possible for more space to come into being. Planck which is a more sensitive satellite orbiting in the sky has made a thrilling new discovery lately. It was launched in 2009. It has managed to map the cosmic microwave background allowing scientists to look at remnants of light about 370,000 years after the occurrence of the big bang. Light has been thought to be trapped in some hot plasma which cooled. This caused the light to be set free from it. There are tiny imprints representing quantum fluctuations which occurred after the birth of the universe. It is this substance from which all the matter which formed the stars and the galaxies came from. Planck is a more sensitive satellite with a higher resolution capability. Light patterns even one twelfth of a degree can be measured on the sky. The version of Einstein theory containing the cosmological constant states that empty space has its own energy. This energy will not be diluted even as the space expands. This property of space can cause the expansion of the universe to become faster. Space is also thought to get its energy from virtual particles which would appear and disappear. The calculation of energy however was not possible to calculate with enough accuracy. Would You Like To Know More? Buy Now for the Price of a Coffee!

## Book Information

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## Customer Reviews

Do not, DO NOT, waste your \$3 on this 22 page rag. It is a freshman paper gone awry.

Interesting notions, but tended to wander a bit. Proofreading would have been helpful in reading into the "story." Interesting though

Very excelent

I am fairly well educated in the field of science, but Dark Energy by Paul Stoner left me wondering how well he is educated in this field. After reading this book I Googled his name to see where he received his degrees and to see how much he has published in his field. Unfortunately, I could not find anything. I don't think this book is worth reading if you are interested in reading about Dark Energy.

Does a very good job of explaining and introducing Dark Energy concepts. Especially well suited for people just beginning looking

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