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What Really Existed Before The Big Bang?

Co skutečně existovalo před velkým třeskem?



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What Really Existed Before The Big Bang? 🔔 Subscribe now with all notifications on for more Geology, Vulcano eruption and earthquakes! ❤️ Support us now and become an Geology fan: <https://www.youtube.com/channel/UC0ZT...> There are different stories when it comes to the origin of the universe. The most common one is the big bang theory which is brought forward by albert einstein. However there is something that this theory doe'snt explain to us. What was there before the beginning of time? What really existed before the big bang? 📺 Watch the entire video for more information! [#science](#) [#bigbang](#) [#bigbangtheory](#)

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(01)- There are different stories when it comes to the origin of the universe there is the religious version which involves the creation and then there are the scientific ones the most common one among scientists is the big bang theory which is brought forward by albert einstein however there is something that this theory does not really explain to us what was there before the beginning of time what really existed before the big bang let us take a deeper look into the greatest event in all of existence here is a fun fact if you were to turn on an old analog tv and switch between channels you could observe some of the residual glow of the big bang it would mostly appear on the screen as a collection of black and white specks about

one percent of these are caused by photons which have remained since the universe is beginning this is called cosmic microwave background cmb radiation filling the entire universe so does this mean you can observe the big bang which is said to be the birth of the whole universe and can it be replicated in a lab here on earth what really caused the big bang as einstein proposed before we can go any further you should understand that the big bang was not an explosion not only that but it did not really occur inside anything but how can this be to understand that we need to go way back in time think of it as a rewinding of a long film about the universe's history which goes back billions of years when you get to the very beginning of the universe you will notice that the entire history of humanity will fit into 0.04 seconds it would have ended even before the shortest short film ended about an hour later you would start to notice animals appearing more than seven hours later you will begin to see scenes of the formation of the earth in the solar system then for another 16 hours you will suffer as you eagerly wait to find out the phenomenal power of the explosion but the thing is you would never really get to see the explosion itself this is mainly because the entire process of the big bang which was given the name as a joke by an ardent opponent of the theory of sir fred hoyle from the university of cambridge does not really reveal that it was an expansion not an explosion basically an explosion is a shock wave that has been caused by a sharp separation of high pressure gas and low pressure gas in the early stages of the big bang the entire universe was compressed with all its mass and energy into one super dense point that was even smaller than an atom it was even smaller than subatomic particles this small upper particle was heated to an insane 1 000 million kelvin about 180 million degrees fahrenheit george lemaître the belgian astronomer referred to this as the cosmic egg if you were to consider time it was important that the universe had to grow from this point to its current size with a specific expansion rate after all this and considering the temperature scientists concluded that the universe might be just about 13.8 billion years old [Music] there is more to the big bang theory as it can not only describe how tiny an object became so vast as the ball of pure colossal energy was expanding and cooling various states of matter energy and even some forces of nature appeared think of it as a cooling steam into water and then ice assumed that the universe only contained one form of energy at the beginning of the entire process however this energy became unstable and in the next 10 to 35 seconds the volume expanded by about 1070 times this was all happening at a speed more significant than the speed of light this rapid expansion is referred to as cosmic inflation even though the universe was growing to just a few cubic meters in volume all this turned out to be enough for the primordial energy in the form of a soup of subatomic particles known as quarks after about 100 000 years the light could separate from the matter leading to the universe's being in total darkness for the next 300 million years 380 000 years later the atoms had already formed and a large amount of energy was released these are the remnants that you now observe in front of your analog tv in the form of cosmic microwave background radiation when the first stars appeared it was considered the end of the dark ages of space the foundation for galaxies such as our milky way was laid when they started integrating into gravitationally bound systems now that we know what really happened during and after the big bang what if you were to try and look further back to before the big bang what really destabilized the original ball of energy that existed before as they tried to answer this question scientists came across the singularity this is said to be the primary state of the universe a fun fact is that time and space existed after the big bang but before that none of it was present at all cosmologists do all they can to prove the fact of the singularity and those who are not interested are stuck

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(01)- (.....)

(*) ... now that we know what really happened during and after the big bang, what if you try to look further back past the big bang, what really destabilized the original ball of energy that existed before, when trying to answer this question scientists hit the singularity, it is said to be the primary state of the universe, the fun fact is that **time and space existed after the big bang, but before none of that** was ever present cosmologists are doing everything they can to prove the singularity fact So far, physicists haven't done much to prove it. For 100 years (since 1929), physicists have stood on the old "fact" of Hubble's law $\mathbf{v} = \mathbf{H}_0 \cdot \mathbf{d}$, which introduced them to the singularity. If physicists want to search and prove, they should not sleep, but read HDV, for example. I'll insert my text here just a few days old:

Quote by an amateur physicist from the lectures of CS ČAS: So if the Hubble model is incorrect, we currently do not have another model that would explain the discrepancy in the measurement of the Hubble constant and at the same time describe everything else that we can observe in the universe.

My reaction-opinion to the opinion of a physicist from KS ČAS: Here is a buried dog and the rigidity of the thinking of physicists, that they believe Hubble's law $\mathbf{v} = \mathbf{H}_0 \cdot \mathbf{d}$, which "guides" them to the singularity, although we still have relic radiation $z = 1000$ - we observe it over the entire spherical surface of the universe. We can quite easily abandon the **Hubble doctrine** if we demolish it with a better new consideration, namely the "unwrapping"-
"unpacking" of the universe, = the unwrapping of the "local" space-time in an infinite flat space-time. Not unzipping, but unpacking. http://www.hypothesis-of-universe.com/docs/c/c_223.gif - emergence "from nothingness". Not from nothing, but from nothingness. How big is "local" spacetime in infinite spacetime ??!! **The locality** is "almost infinitely" large, or it is "unity", or it is "infinitely" large. The singularity was only as big as near zero and that was enough. The "almost infinitely large" location floats in an infinite flat space-time and can "inside to transform states by curvature of dimensions. And the bending of dimensions is an act = a matter-forming phenomenon. It can happen ""anytime"", in any location, a stop-state in the original flat space-time in which zero curvature changes with a "flick of the flagellum" to the opposite state, that is, to extremely high curvature dimensions, in that "floating location" = boiling plasma = boiling vacuum = chaotic bubbling curvature of dimensions. And that starts the unwrapping of curvature in the "almost infinite locality" space-time, even packing dimensions into balls = elementary particles, <http://www.hypothesis-of-universe.com/index.php?nav=e> both simultaneously, i.e. "production" matter, the flow-flow of time starts = the curvatures of time dimensions unfold, it starts "law-making sequence" ..., etc. The Hubble singularity - the big-bang is rung.



http://www.hypothesis-of-universe.com/docs/c/c_223.gif . http://www.hypothesis-of-universe.com/docs/c/c_223.gif . This image shows the "emergence" of warped dimensions - foam from a vacuum, from a single point **B(1)**, but readers (I don't another picture available) you have to remember that those **B(n)** points (they are tiny cubes) are billions "next to each other" ...in the whole universe everywhere (everywhere around us, beyond Venus, beyond Alpha Centuri, behind the milky way, beyond the next galaxy, just everywhere, up to the horizon of visibility) points **B(n)**, **n** = infinite number, with crooked dimensions emerge and "dark energy" is recruited there. I believe that even this interpretation still "respects" one Universe, one Heluniverse, even though "big Bangs and big Crashes" would alternate after the

dimensions are unpacked at the end of one cycle. Still one Universe. There are enough "locations" in our particular universe with each having a different constellation of 3+3D curvatures. Location of the local network of galaxies, location of galaxies themselves, location of solar systems, location of "green planets", location of biological reactions, site of chemical reactions, site of nuclear reactions, site of boiling vacuum = plasmas...and all of this exists in our "one" universe, an infinite "unfolding and simultaneously with the collapsing" of space-time

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(02)- with the fact that the universe appeared out of nowhere they say this resulted from random fluctuations meaning particles spontaneously arose from a vacuum however some opponents of this theory claim that the universe existed even before the big bang occurred but very little is known about the fore mother of the universe regarding the theory maybe it was like our universe or perhaps it was just something completely different the only thing left to assume that something happened in her history leading up to the big bang another opinion regarding the time before the big bang is that there was a collision of two brains with two different universes as a result of this collision the big bang happened those who believe this opinion say that at the time of its formation the newborn universe grew to such a large size that it gave rise to bubbles and from these different galaxies were formed suppose this is anywhere close to the truth in that case that could only mean that there are billions of worlds out there other than ours just like the milky way is just one of the billions of galaxies out there a group of researchers say that the universe has always existed in this theory the big bang is counteracted by big compressions in which the universe collapses into a singularity some of the calculations done by the famous stephen hawking and roger penrose indicate that the big bang cannot be fully understood by classical cosmology such as einstein's theory of relativity when it comes to a singularity only the laws of quantum mechanics apply in which they defuse wave particles making them move in all possible directions the universe can have an infinite number of pre-histories and since there is no outside observer the whole matter is in limbo considering this it all starts from the point where the temperature energy density and curvature of space-time were substantial and from there on the universe almost immediately began expanding this was according to the inflationary model it is also said that the universe continues to grow to this date in 2019 kareem ahmed an assistant professor in the department of mechanical and aerospace engineering at the university of central florida said that a completely new version drew an analogy between the birth of the universe and a supernova explosion the significant difference is only in the vastly different scale on which these events occurred type 1a supernova explosions happen when carbon and oxygen are compressed to a density equivalent to about sixteen thousand six hundred and sixty seven tons per cubic inch or about one thousand tons per cubic centimeter back inside the star's core fast thermonuclear reactions cause an explosion causing the star to be destroyed in a matter of seconds it also ejects most of its mass as it emits the same amount of energy that a star talks about throughout its life there are many theories surrounding the beginning of the universe and there have been

many discussions and ideas as to what existed before the big bang occurred the big bang a theory by einstein is the most popular of all theories about the is beginning still very little is known about what was before the big bang that's it for today do you have any theory about the big bang feel free to let us know in the comment section below also make sure you hit the like button and subscribe to our channel for more amazing videos thanks for watching and i'll see you in the next one

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(02)- and those who don't care are stuck with **that the universe appeared out of thin air**, and **that's wrong too**. they say it was the result of random fluctuations, **tens to hundreds of physicists are already on the scene**, who doubt it and present new visions. I present my vision for 22 years on the Internet. No one in the know has read it yet (why the ignorance is a mystery to me) <http://www.hypothesis-of-universe.com/index.php?nav=aa>

Problem solved. I offer a new perspective on the construction of matter after the Big Bang, plus the universe before the Big Bang

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which means the particles **spontaneously arose from the vacuum**, more or less yes. It is a style-way of "warping dimensions" of space-time into packets (and then more complex conglomerates) that "began to behave" like elementary particles of matter however, some opponents of this theory claim that the universe existed before the big bang, **Sure, but these experts know nothing about it. And they couldn't think of anything to justify their dreams. Only a "brave" few attempted and cared for the visions.** But very little is known about the progenitor mother of the universe, in terms of theory, maybe it was like our universe or it was just something completely different, the only thing left to assume is that something happened in its history that led to the big bang, another view of the time before the big bang is that there was a collision of two brains with two different universes as a result of this collision there was a big bang those who believe in this view say **that at the time of its creation the newborn universe grew to such a large size**, that he gave rise to bubbles and from these various galaxies arose **assuming that's somewhere close to the truth**, in which case it could only mean that there are ions of worlds out there other than our own, just as the Milky Way is just one of the billions of galaxies out there, a group of researchers say the universe has always existed, according to this theory, the big bang counteracts the big compressions that cause the universe to collapse into a singularity, some calculations by the famous Stephen Hawking and Roger

Penrose suggest they hear **that the big bang cannot be fully understood by classical cosmology** such as Einstein's theory of relativity. As for the singularity, only the laws of quantum mechanics apply in which they apply.

Discard the wave particles that make them travel in all possible directions, the universe **could** have an infinite number of prehistories, and since there is no external observer, all matter is in limbo when we consider this, it all starts from a point where *the thermal energy density and the curvature of space-time was substantial and from there the universe almost immediately began to expand, **unpack**, that was according to the inflationary model. It is also said that the universe continues to grow on this date in 2019 **Kareem Ahmed Assistant Professor in the Department of Mechanical and Aerospace Engineering at the University of Central Florida** **said a brand new version** drew an analogy between the birth of the universe and a supernova explosion is significant. The only difference is the vastly different scale at which these events occur, type 1a supernova explosions occur **when carbon and oxygen are compressed to a density equivalent to about sixteen thousand six hundred and sixty-seven tons per cubic inch.** → **said Assistant Professor of central Florida and ...and more. He can, I can't. I guess that's why they allowed him (he's from Florida) to announce the new version to the whole world and banned me...um... or about one thousand tons per cubic centimeter, back in the core of the star a rapid thermonuclear reaction causes an explosion causing the destruction of the star in a few seconds, but it also ejects most of its mass because it emits the same amount of energy that a star talks about in its entire life there are already many theories surrounding the beginning of the universe** and there have been many discussions and ideas such as what existed before the big bang. The big bang Einstein's theory is the most popular of all the theories about the beginning of the world still very little is known about what happened before the big bang ***that's all for today and if you have a big bang theory feel free to let us know.** **I have already let the whole world know about 1000 times that I have a new idea, but no one reads it, or no one has found any strong meaningful counter-argument.**

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