

# Talk:Q59151

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## Big Bang & Cosmological Constant aka Dark Energy/Theory of Everything with Combined Forces of the Universe Facts!!!

Only at the moment of big bang all the forces of the universe were combined!!!

Strongest to weakest forces of the universe: 1) the strong nuclear force, 2) the electromagnetic (in reality 2 forces), 3) the weak nuclear force 4) gravity.

It is said:

Because the cosmological constant is a fixed value across the universe means that dark energy will always have the same strength. Since it is the energy of space itself, then as space expands more dark energy comes into the universe, causing the expansion to accelerate ever faster.

Cosmological constant is dark energy which expands universe. Scientists say it expands faster and faster but if that is so it will be faster than speed of light and that is impossible since unobstructed speed of light is the fastest speed in the universe! If it expands faster and faster then it will die by runaway process known as The Big Rip.

Also, the cosmos could continue to expand forever, with all matter eventually disintegrating into energy in what's known as a Heat Death. Alternatively, gravity might cause the universe to re-collapse, creating a reverse Big Bang, called the Big Crunch.

There may be other multiverses out there, but its light did not reach us yet, as far as theory of everything, no, it only existed at the moment of big bang and it can not be repeated unless there is new Big Bang. Also the same water we have today, existed when world's creation was completed. Energy can not be killed or created (thermodynamics) but that is only on within earth's atmosphere (sphere) and gravitational pool but since universe expands, energy has to create it and we are dealing with physics on subatomic (particles) level, so new energy is created and since energy does not die, universe can not die or shrink but it expands but not at the speed of light (speed depends in what part of universe). Thus because energy never dies, thus universe never dies and this is neither theorem or theory but the fact and it will stand the test of time!!! Theory of everything existed only at the moment of big bang and that fact will also stand the test of time!!!

The First Law of Thermodynamics (Conservation) states that energy is always conserved, it cannot be created or destroyed (within earth's gravitation). Energy can be converted from one form into another like H<sub>2</sub>O and these J.P.L. Lubek's 2006 theory will stand the test of time!!! The energy of the universe and within universe comes from the Big Bang but the universe we observe today might be part of multiverse, since its light did not reach any telescopes yet!!!

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