

BCC YOUTH APOLOGETICS, WEEK 3.
COSMOLOGY.

*Watch Lee Strobel video

- It has been proven that the universe is expanding... if we were to rewind time it would lead us to a beginning (potentially a big bang)
- The universe had a beginning as described in Genesis! **"IN THE BEGINNING"**
- If the universe isn't eternal, and it had a beginning, who is behind the start of the universe?
- Time was only created once the universe was formed, so the one who created it must be **TIMELESS**, it must have been **IMMATERIAL**. In other words, ... God!



QUESTION:

What do you think is the most sensible way to explain how the universe began and why?

Kalam Cosmological Argument:

- Everything that has a beginning has a cause
- The universe has a beginning
- So... the universe has a cause

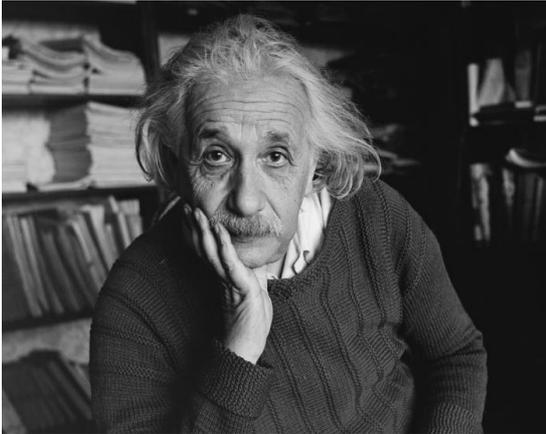
If it is true that everything that begins to exist has a cause, and if it is true that the universe began to exist, then the rule of logic requires the conclusion that the universe **BEGAN** to exist.

Highlighting the need for there to be an outside source (God) to create and initiate, as it is scientifically impossible for something to create itself out of nothing.

Does that mean that someone had to create God then? Does God also need a cause??

NO! Christians believe that God is eternal, He had no beginning, and He will have no end. God created the universe; time didn't even exist. There was just timelessness. God didn't have a beginning; He doesn't need a cause. The universe needs God, not the other way around.



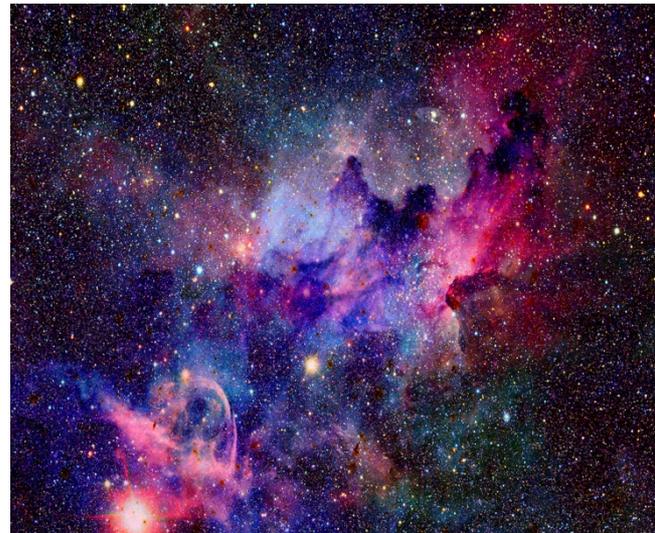


- Einstein challenged the theory that the universe is eternal, and firmly believed that it had a beginning.
- If the universe is continually expanding, then at some point in time it had to be smaller and denser.
- For space time and matter to be created it couldn't be from any of those things as they didn't exist, they were made.

WATCH VIDEO:

<https://youtu.be/ApVEMbyeL14>

“The vast majority of scientists affirm the Standard Cosmological Model as an accurate and reliable description of the universe’s origin. After examining the evidence, cosmologists and physicists have largely embraced the fact our universe began to exist at a point in the distant past. The Second Law of Thermodynamics, the expansion of the universe, the presence of the Radiation Echo, and the problem of Infinite Regress serve as sufficient evidence supporting the Standard Model.”



THE ANTHROPIC PRINCIPLE:

- The idea that the universe was created in exactly the right way to allow human beings to survive.
- The universe is so fine-tuned and ordered for human life, is that by accident? God has perfectly arranged the universe for humans to thrive in it.

The authors of the Bible also affirm the Standard Cosmological Model. The Bible is filled with descriptions of a Universe that came into being from nothing at a fixed point in the past as the result of an uncaused, first cause. The nature and characteristics of this universe are accurately described by the Biblical author

COMING INTO EXISTENCE OUT OF 'NOTHING':

Colossians 1:16-17

For by Him all things were created, both in the heavens and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things have been created through Him and for Him. He is before all things, and in Him all things hold together.

Psalms 148:5

Let them praise the name of the Lord, for He commanded, and they were created.

John 1:3

All things came into being through Him, and apart from Him nothing came into being that has come into being.

THE UNIVERSE EXPANDING:

Astronomers presently observe the expansion of the universe, but ancient Biblical authors also described this!

Isaiah 45:12

"It is I who made the earth and created man upon it. I stretched out the heavens with My hands and I ordained all their host."

Job 9:8

Who alone stretches out the heavens and tramples down the waves of the sea...

Jeremiah 10:12

It is He who made the earth by His power, who established the world by His wisdom; and by His understanding He has stretched out the heavens.

2ND LAW OF THERMODYNAMICS AND AGING UNIVERSE:

Psalms 102:25-26

Of old You founded the earth, and the heavens are the work of Your hands. Even they will perish, but You endure; and all of them will wear out like a garment; like clothing You will change them and they will be changed.

CONCLUSION:

- (1) The Universe Began to Exist
(Confirmed by the scientific evidence)
- (2) Anything That Has a Beginning Must Be Caused By Something Else
(Affirmed by the Principal of Causality)
- (3) Therefore, the Universe Must Have a Cause
(Inferred from the Principal of Causality)
- (4) The First Cause Must Be Eternal and Uncaused
(Declared by definition)
- (5) The Cause is God
(Offered as the most reasonable uncaused first cause)