

Physics Honors: The End of the Universe

How Will the Universe End?

There are three possibilities to how the universe will end

- Heat Death
- Big Crunch
- Big Rip

Heat Death

The universe expands forever with all matter eventually burning up their fuel and turn into white dwarfs and neutron stars and the largest stars will collapse into black holes.

All matter disintegrates into energy.

Big Crunch

The gravitational attraction of stars galaxies would one day start pulling the entire universe together again until everything merged and the universe was in one infinitely small dense spot.

“Reverse Big Bang”

Big Rip

Dark energy will eventually pull everything apart piece by piece.

The universe expansion accelerates so fast that light no longer be seen.

