

# Black Holes

The background is a vibrant, abstract composition of colors including yellow, orange, red, and purple. A small, solid black dot is positioned in the center of the image, serving as a focal point. The overall appearance is reminiscent of a galaxy core or a black hole's event horizon, with the colors radiating outwards from the central point.

- *Black hole is a space area which has so much gravity that can swallow even big stars.*



- *If we want to explain how a black hole occurs, we have to explain how a star occurs first. A star is born after cosmic gasses collect in enough mass that the gravity forces push the atoms together.*



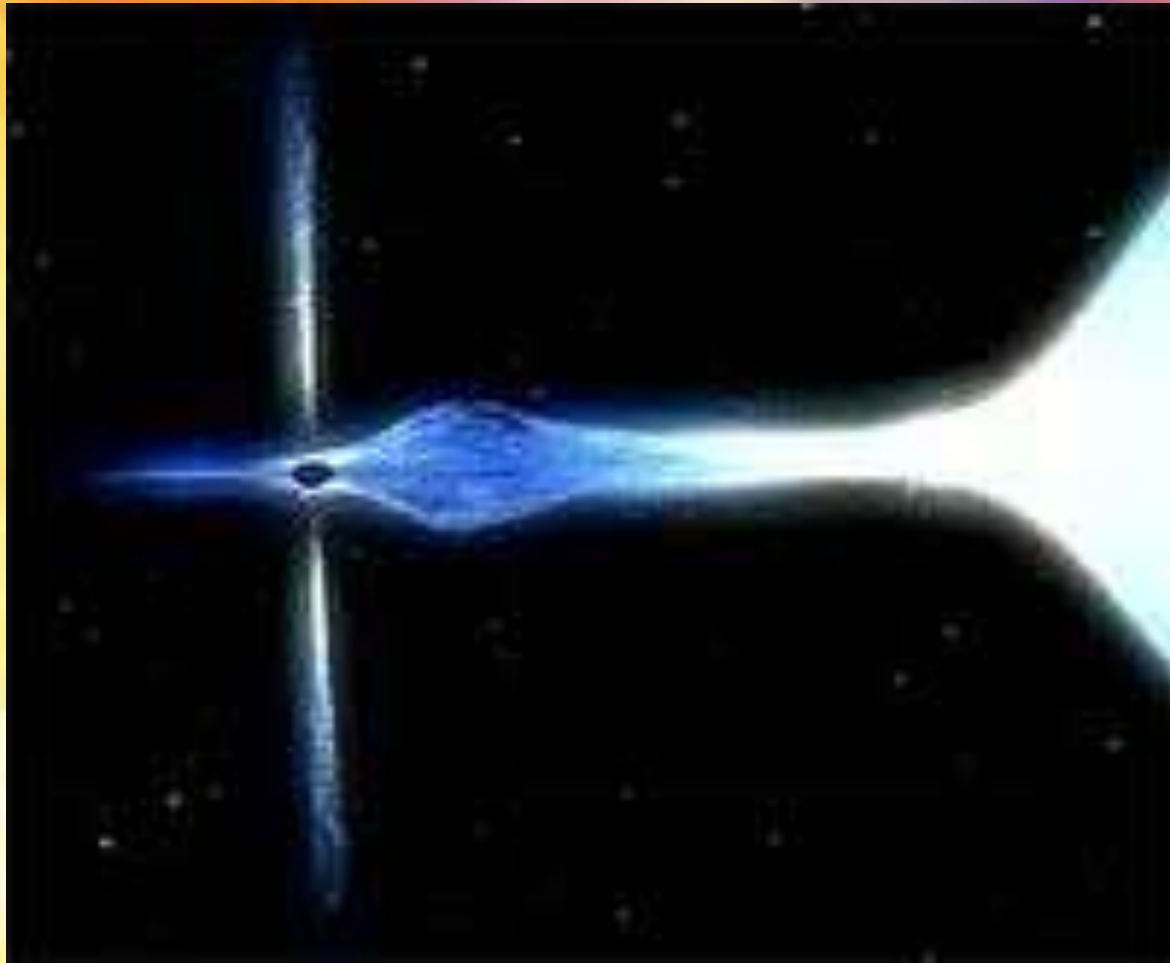
- *After millions and millions of years and after gathering billions and billions of tons of mass, the gravity gets so strong that fusion occurs and this release of energy creates a new star.*



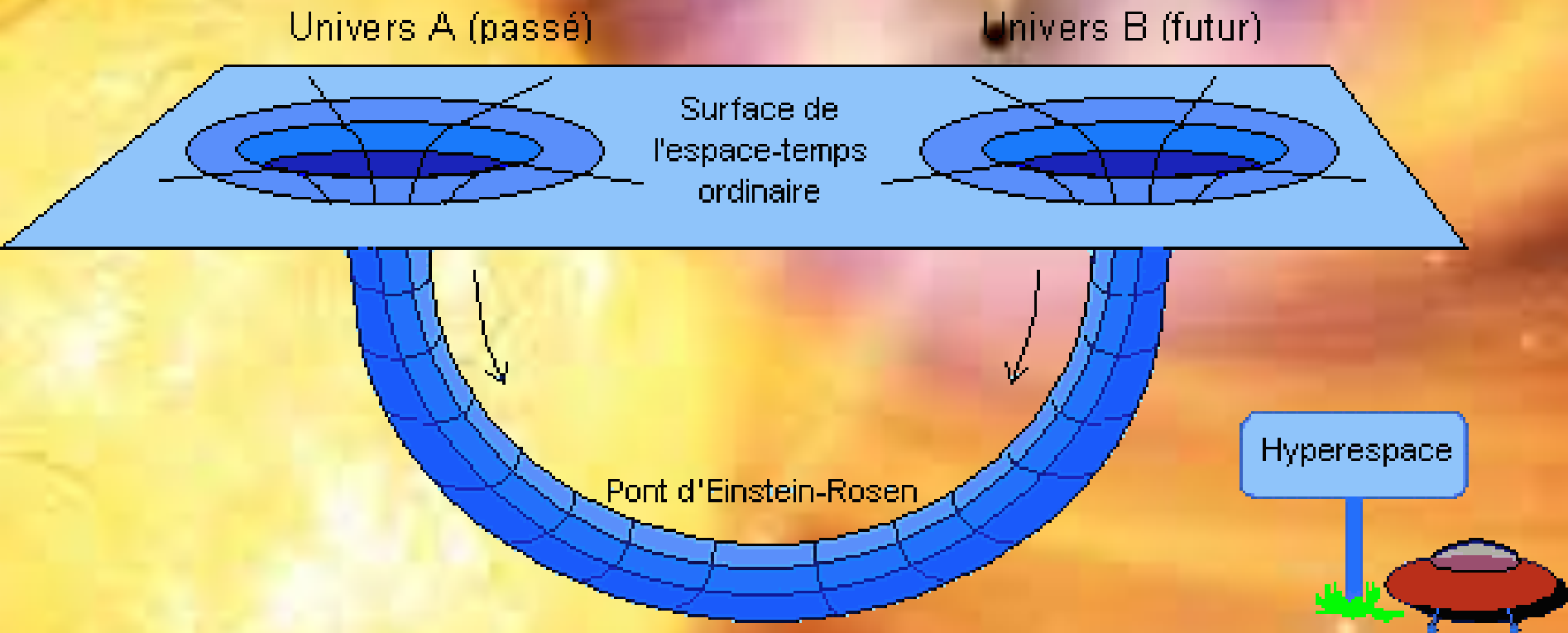
- *If a star starts to run out of gas it becomes heavier. When the core of a star turns into iron it doesn't make energy anymore and it gets smaller by exploding inside. Now the star is a black hole which tries to give light to around but because of the gravity, takes back its light.*



- *One of the theory about black holes is that every black hole is a gate to another universe or time. According to scientists every black hole has an exit hole.*



- *If we attach a black hole to another, we might have a gate to another universes and even we might be able to travel in time.*

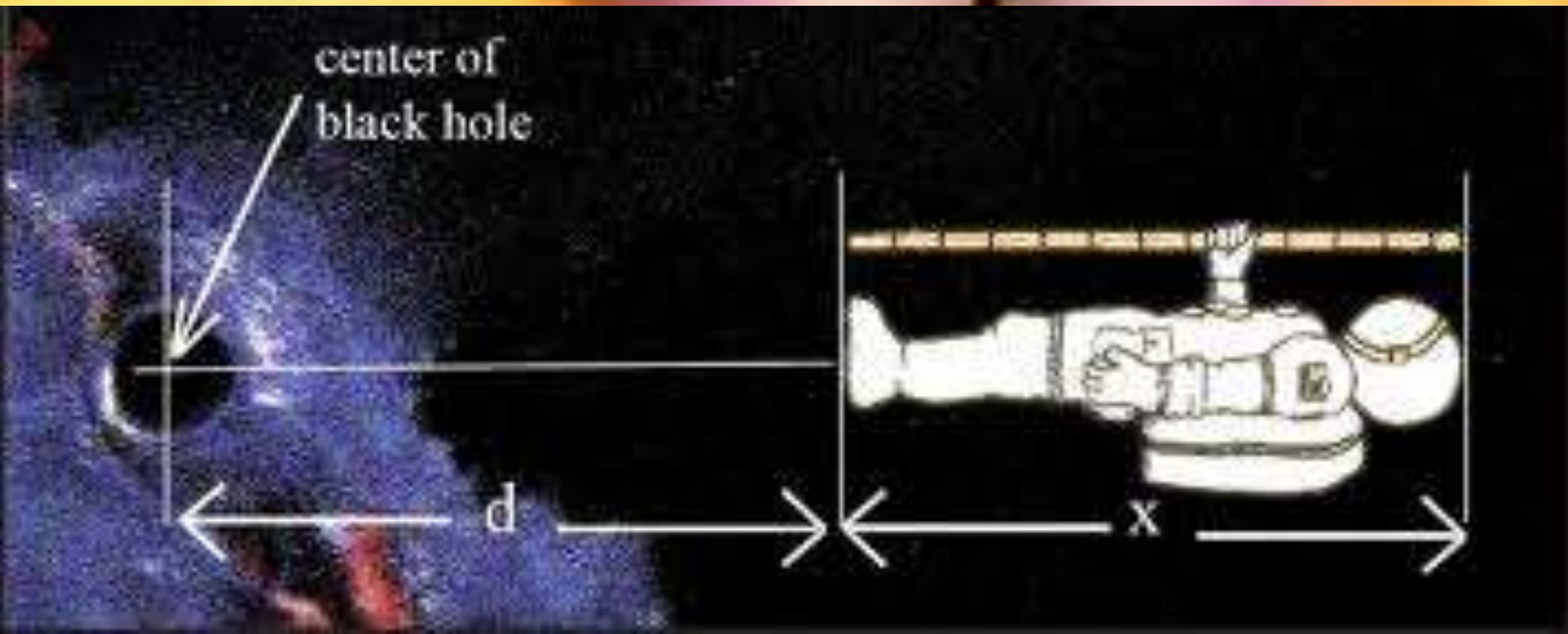


- *According to another theory if we fall into a black hole, because of the doppler effect we squeeze in the middle and get taller till we explode.*





- The reason of that is in the center of a black hole gravity is higher than the other areas of a black hole. That gravity pulls us from our nearest part to the center.*



- *According to Stephen Hawking's "M-Theory" there are countless parallel universes that our matches live in. Maybe, just maybe we can go to these parallel universes through black holes.*

