

# The Relation Between Time With Black Hole & Wormhole

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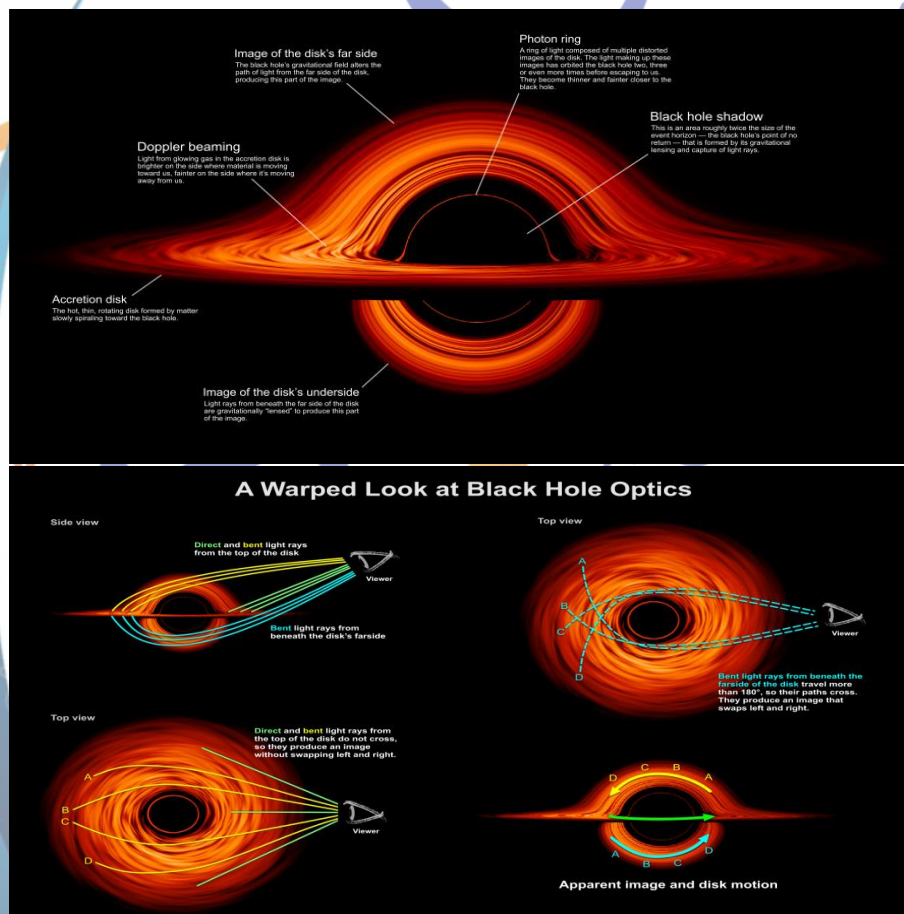
## I. BLACK HOLE

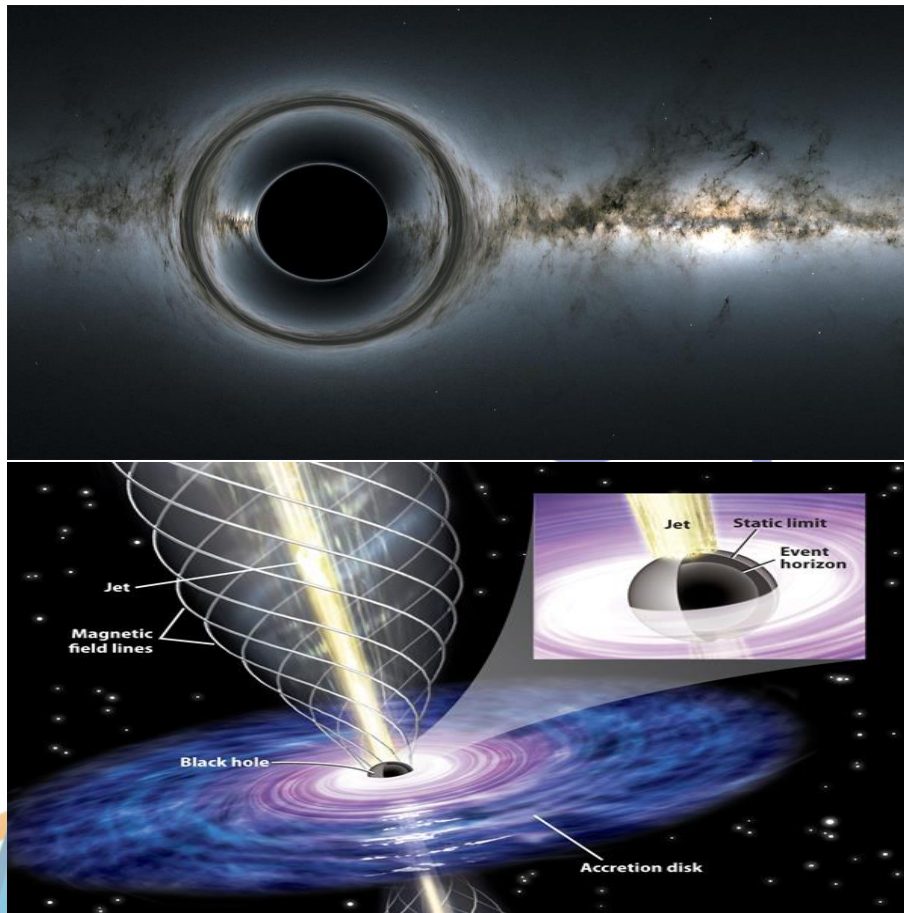
WE know about the escape Velocity of any object in our Universe. If we imagine an object with  $3 \times 10^{10} m/s$  escape velocity. Then we can create a black hole in our mind, Which is practically discovered on 10 th April 2019. We know about our chemical elements and the atomic structure. There have 60% - 80% free space. Then we can imagine that black hole matter with 0% free space. So We don't have any information about its chemistry. So At first we observe it physically.

## II. TIME & BLACK HOLES

We can define it by two types think. First, In Quantum Universe, which has no meaning to our humanity. Secondly, Throughout the velocity momentum which have fully-featured with our time. Suppose suddenly if the earth's gravitational field is increasing then our body movement and cell movement of our body become slow down. So it is true that biological time is directly controlled by Gravity. Now we know that light speed is not infinity and photon particles have mass, which means that light's velocity and direction are partially controlled by Gravity. So if anyone tries to measure the distance from the moon to earth through light speed and traveling time then the answers will be incorrect. Because the traveling time is different from the moon to earth and earth to the moon due to different gravitational field. So it is a relativistic problem. So it is a simple problem to understand time deletion. We can understand it from another's Example. If you imagine a point which's distances are the same from Earth and Moon. And two people observe the point, one from the earth and another from the moon then 1 stone observe the point faster than another one. For example, if there have any electric bulb then the 1 stone observed it fast. So we defined that the time is slower around a massive object. So time speed depends on there's surrounding space gravitational field. However according to this mathematics if you focus on the deep sky you can see the history of our universe. For example, if you focus on earth from the distance of one light-year then you can see the time which is one year older than the present earth. To deeply understand you can imagine that a photon particle reflects from your body and escape from earth to free space when your age is 5. Then the photon particles traveling for 5 years. Now you are 10 th . The photon particle traveled 5 light-year distance it's mean  $(5 \times 365 \times 24 \times 60 \times 60 \times 3 \times 10^{10})$  meter. So now anyone can see your image at this distance. If you travel with greater than light speed and cross the distance then you can see your own past. This is time deletion. However, it is not possible now. But according to wormhole theory, it is possible. To make a time machine we needed high-level energy. According to Hawking's radiation theory, we

can get it from a black hole. But it is very difficult to make an artificial Black Hole. However, we focused on black holes and physical mining of time. However, after traveling some lightyears photon particle's density and saturation are decrease then the image is too dull. In this situation, Black Holes and some massive objects help us. Black Holes and the massive objects working as a leans of a camera. They have condensed the photon particle as a simple convex leans. This phenomenon is called gravitational lensing. The black hole's high gravitational field bends the light beam like a lens. This feature of black holes and some heavy objects is sometimes helpful but many times is not. For example, if you observe a star and if there have any black hole then the black hole bends the light wave so you can't understand the exact position of the star. So it is very difficult to identify the exact position of any object. However, these phenomena create some time gap/hole in free space. If anyone travels on this area then his time becomes slower than the outer field. There have limited distance where this phenomenon is worked. Practical if you take the limited distance as a radius of a circle then the circle is been called Event Horizon. If you cross this boundary, then you can't come back from it. After crossing this boundary your body motion became slow down and stretched out. After collapsing on the black hole's ground, your body's cells are spread over. And the cells are mixed on the ground like an ultrathin paper shit. Theoretically, we can say that your body entropy becomes infinity. This phenomenon can be explained by Hawking's entropy theory of black holes. A black hole can eat anything and after overeating, it produces Hugh level energy which is called Gama Ray burst. One Gama Ray burst's energy is enough for some millions of years electric power supply around hole earth.





### III. WORMHOLE

A wormhole is like a tunnel which is connected between two parallel universes with the smallest distance. There has a black hole at the center of the tunnel. If any object falls down under this hole then the object's velocity is increased to light speed. No, This phenomenon worked by gravitational energy. There have not needed any energy for the traveler space shuttle. However, creating a wormhole is very difficult.

