

January 2017

## BLACK HOLE, WHITE HOLE AND WORMHOLE

### BLACK HOLE :



“In astrophysics, a black hole is a celestial object so compact that the intensity of its gravitational field prevents all forms of matter or radiation from escaping from it. Such objects can not emit, or reflect light and are therefore black, which in astronomy comes back to say that they are invisible. However, many indirect observation techniques in different wavelengths have been developed and make it able to study the phenomenons that they

induce. In particular, the matter seized by a black hole and heated to considerable temperatures before being “engulfed” and emits an important quantity of X-rays. (...)

A black hole possesses a given mass, concentrated in a point that we call gravitational singularity. This mass makes it able to define a sphere called the black hole’s horizon (...) This sphere represents in a sort of way the black hole’s spatial extension. It is this way that the word “hole” is inappropriate : it would be more correct to talk about “black ball” to concretely conceptualise its tridimensional real physical form in space.”

[https://en.wikipedia.org/wiki/Black\\_hole](https://en.wikipedia.org/wiki/Black_hole)

**“The Strength flows like a powerful river along these ways that the physicians call “black holes”. The visible universe is actually many holes, or connexions with the invisible universes.** Today we talk a lot about giant black holes, and on the contrary not much, about the mini holes that compose our own bodies. The mini holes are the same nuclear particles, the [quarks](#); they reveal that the human body has direct connexions with the invisible and unique Crystal, whose energies are much superior to the ones observed.

Crystal is Life, the Cosmic Intelligence that comes from the more elevated energies.”

Giuliana Conforto, *Organic Universe*, p.55

### WHITE HOLE :



“A white hole is an object of the universe whose existence is presumed, but not proven : it is said that it is about a theoretical object. Actually, it is not sure at all that white holes exist, but some scientists think that their existence could be possible.

A white hole, that we also call white fountain, would be, in some sort of way, the black hole’s contrary : if a black hole is a location of space where matter is attracted, and disappears, a white hole, would be, on the contrary, a

place where matter “would appear”, and from where it would spurt, a bit in the way of a fountain. As a black hole is capable of attracting even light, a white hole would be capable, on the contrary, of scattering this light, and would therefore appear, if it existed, like a very luminous object, emitting light and matter, hence its “white fountain” name.”

[https://en.wikidia.org/wiki/White\\_hole](https://en.wikidia.org/wiki/White_hole)

## WORMHOLE :

“A wormhole (in french : trou de ver) is, in physics, a hypothetical object that would connect two distinct layers or two distinct regions of space-time and would manifest itself, from one side, like a black hole and, on the other side, like a white hole.

A wormhole would form a shortcut through space-time.

(...)

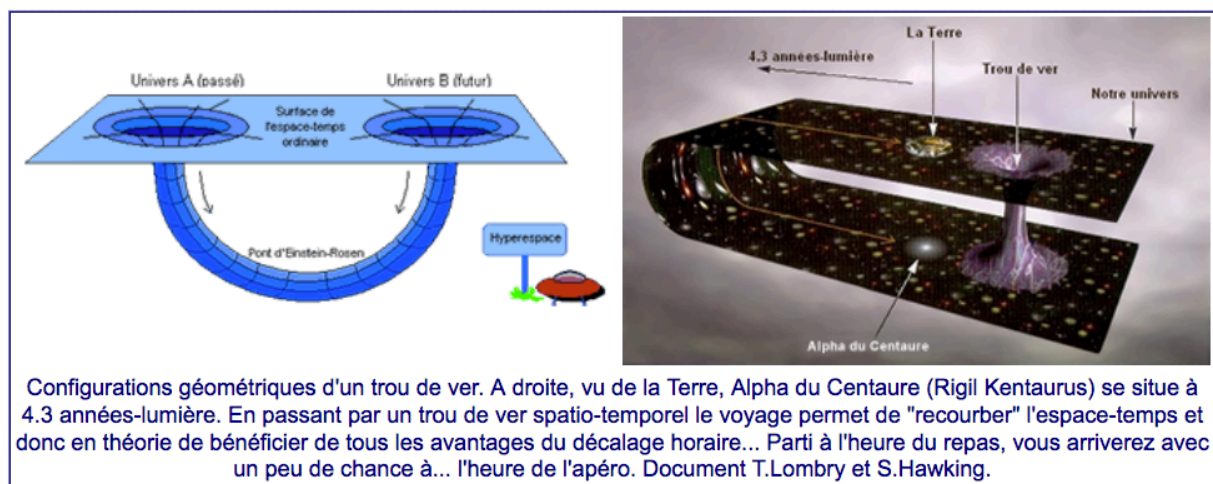
The use of the “wormhole” shortcut would make a journey possible from point A directly to point B in a time considerably reduced compared to the time that it would be needed to cross the distance separating these two points in a linear way, on the paper’s surface. Visually, it has to be imagined to travel not on the sheet of paper’s surface, but through the wormhole ; the sheet being folded on itself makes it possible for point A to touch directly point B. The two points’ meeting would be the wormhole.

(...)

The use of a wormhole would make it possible the journey of a space point to another (moving through space), the journey from a point to another one in time (moving through time) and the journey from a point of space-time to another (moving through space and at the same moment through time).”

<https://en.wikipedia.org/wiki/Wormhole>

“Einstein and Rosen seriously offered that space-time folded layers connected by a quantum bridges could bring to other places of the Universe, other regions of space and time. In short, if we would believe them, Rigil Kentaurus (alias Alpha Centauri) or the Andromeda galaxy was the door just beside !



... a complete wormhole consists in a singularity (black hole) opposed to a white hole between which is found a wormhole that connects two universe's horizons.”

<http://www.astrosurf.com/luxorion/trou-de-ver-wormhole.html>