



BLACK HOLES

Central tenet of quantum mechanics says that Information can not be destroyed.

Even inside a Black Hole.

Therefore, we decided to use black holes as an eternal storage for the information about the buildings.

We believe that in the future scientific progress will allow scientists to build much smaller yet more powerful colliders.

Those colliders will be capable of creating small controllable Black Holes.

These small Black Holes will provide almost infinite storage for any kind of information. And no matter how soon we will learn how to extract it, the information will still be safe inside.

THEORY :

ONE OF THE ASTRONAUTS BEGINS FLOATING TOWARDS THE HORIZON



To explain the theory we will refer to a famous thought experiment.

The experiment is illustrated by two astronauts traveling to a Black Hole. One of the astronauts (A) stays on the safe distance from the black hole, the other (B) jumps inside. Astronaut A sees his colleague falling towards the Event Horizon, constantly slowing down.

Since gravity of the Black Hole twists spacetime nearby its Event Horizon, Theory of Relativity predicts that from Astronaut's A standpoint the floating of Astronaut B will seem slower and slower until it completely freezes. From this point it will last forever.



THE ASTRONAUT REACHES THE HORIZON AND TIME FOR HIM FREEZES.



THE ASTRONAUT FALLS INSIDE THE BLACK HOLE

The same story changes from the Astronaut's B standpoint. Astronaut B crosses the Event Horizon without incident. He continues floating along until he reaches the centre off the Black Hole and experiences distortion.

Thus the same travel of Astronqut B is experienced absolutely differently by a spectator and the one who jumps inside the Black Hole.

Astronaut B will fall inside and will be distorted, however spectator will see Astronaut B freeze in time on the Event Horizon.



FROM A SPECTATOR'S STANDPOINT THE ASTRONAUT STAYS FROZEN IN TIME

PROPOSAL :

THE COLLIDER IS INSTALLED INSIDE THE BUILDING



To create the conditions to freeze time for the building, several colliders must be installed in each of the houses.

After colliders are launched, they create small controllable Black Holes.

The Event Horizon of the newborn Black Hole touches the inner surface of the building. As the Black Hole is controllable, the scientists are capable of setting the Schwarzschild radius to match volume of the building.

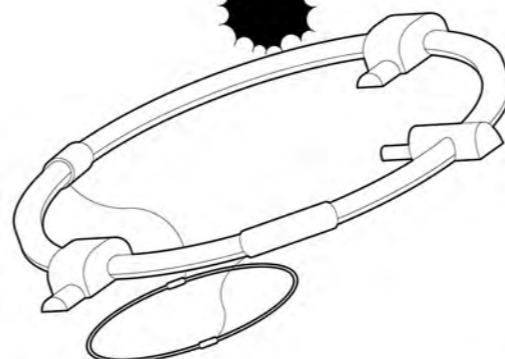
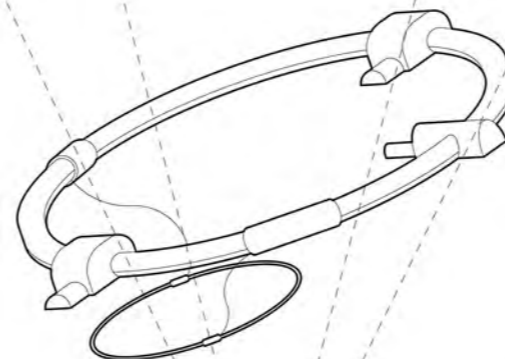
As soon as the building touches the Event horizon, it falls inside the Black Hole and experiences distortion (see pic. above) . But it only happens from the standpoint of the building.

The spectator will see no change in the exterior of the building(as long as he keeps the safe distance) . For him the building will be frozen in time forever.

Probably no one will be able to interact with the building afterwards, however, the information will be perfectly safe and likely to be extracted in the future.

*Though the existance of black holes has not been proved yet, rapid progress in science gives hole to the theory, so it can not be denied either.

THE BLACK HOLE IS CREATED BY THE COLLIDER



INNER SURFACE OF THE BUILDING COLLIDES WITH THE EVENT HORIZON. TIME FOR THE BUILDING FREEZES

