



Opinion

## Traveling with Greater than the Speed of Light: A New Concept in Infinite Energy Condition

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### Main Concept

We introduce a new concept of massive body travel with less than the speed of light, with the speed of light, and with greater than the speed of light in a circular path. According to Einstein's equation  $E = mc^2$ , energy and mass are exchangeable. If a person is moving with the speed of light, its mass will increase (i.e. body traveling with 90% of the speed of light then its mass becomes double). Einstein's equation also tells us, if the mass is converted into some energy, it also means how much energy resided in the mass. According to scientists' thinking, at this stage, a massive body cannot travel at the speed of light. If an object travels with the speed of light, the time stops and the mass of the body becomes infinite which is unrealistic but here we introduce a unique theoretical concept about energy, time and space with the help of the following cases:

We consider that the body (say; we) rotate along a circular path or rotate around the pole with some speed, If;

1. Speed of the body is slightly less than the speed of light: It is possible to move from one place to another in a short interval of time. When the speed is high enough but less than the speed of light, then we can see our backside but not touch it.
2. Speed of body is equal to the speed of light: If an object(we) travel with the speed of light in a circular path, there is a chance to catch ourself. It means that we will be at the initial point from where we started our rotation, the time will stop, and probably our whole mass will be converted into energy.
3. Speed of body is greater than the speed of light: If an object (we) travel with the speed of light in a circular path, there is a chance that we pass through

ourself. The whole mass is converted into energy. Space and energy are exchangeable.

In the above two cases, the motion of the object looks like a wave. The consequence of this analysis is giving the path to scientists and opening the door into new physics.

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