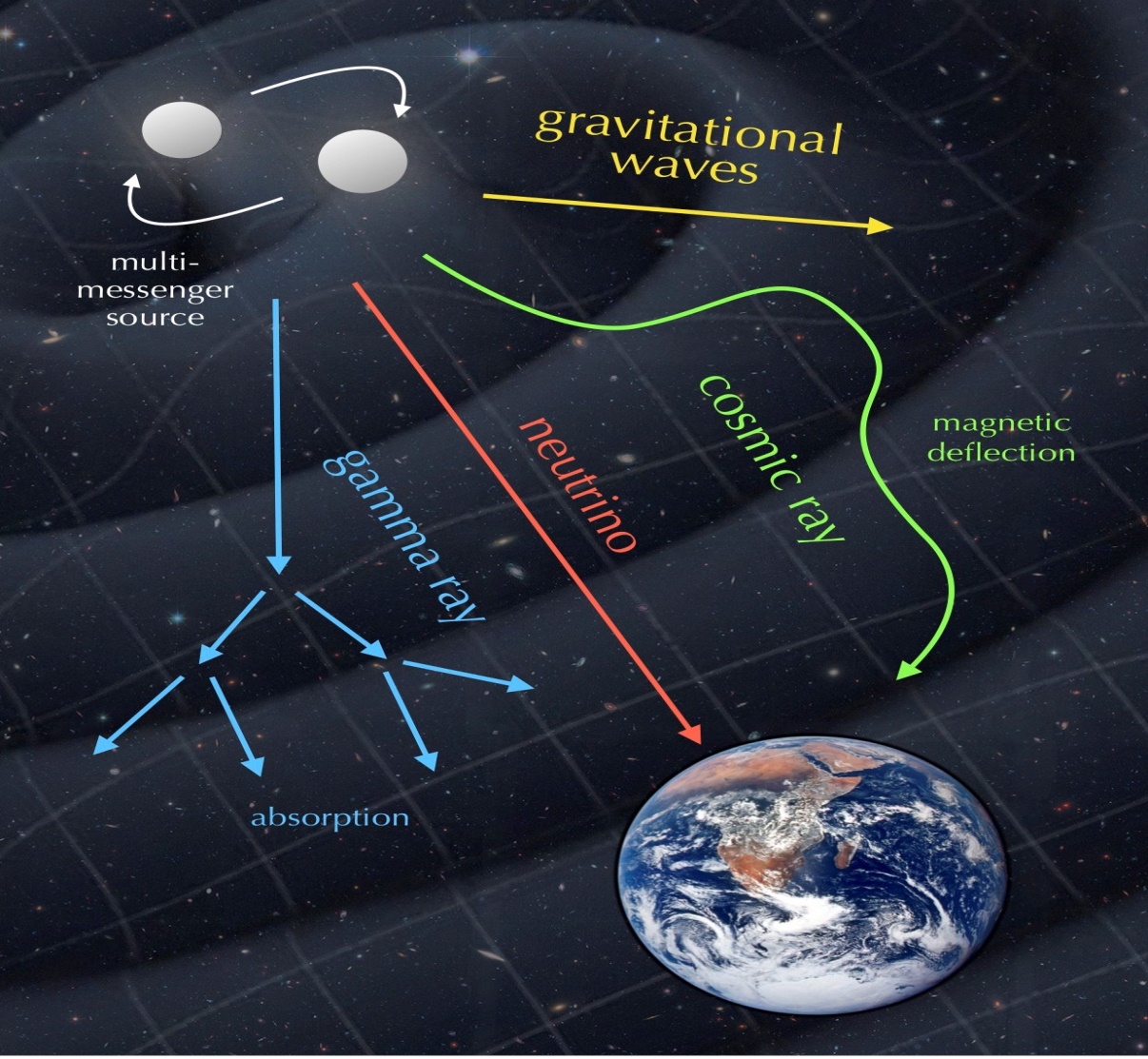
**NEUTRINO’S MYSTERY**

First when directly going through its mystery, we must understand little bit its background and properties. Neutrinos are very much small in mass and in size. Due to the reason, neutrinos are not harmful to any living things. So, where neutrinos exists? It exists in all places. You know there are **650 trillion neutrinos** striking you per second. One important thing to say its interactions with atoms is extremely weak. Neutrinos travel from very long distance from deep space.



Ok let’s go to its mystery. By funding from NASA, they established a laboratory in Antarctica as **Antarctica Impulsive Transient Antenna (ANITA)**. Scientists say that neutrinos came from deep space, black hole, Star collision, nuclear fusion. So, neutrinos could not come from earth as they taught. It is the basic law of neutrino that it points towards earth only. Scientists from ANITA made a three parachute balloon which kept at 37km high from a 1km square ice cube. Inside parachute, they kept **radio antennas to detect the neutrinos** and cosmic rays from space. In ground, they made a 1km square ice cube which was a most purified solid. There were 5000 detectors placed inside ice cube to check the interactions of neutrinos with atoms and they found that there was only 10 interactions/year.



RADIO ANTENNAS IN PARACHUTE

While detecting neutrinos in parachute, radio antenna detected **one neutrino with high energy which came from inside the Earth in 2016**. Scientists call them as upcoming showers. Scientists say that it should not go up as it **breaks the law of physics** as we know for over many years. It should not happen in physics world. Neutrino should come from space but one neutrino came from earth and reached upwards to space. At initially, they taught it was the reflection of Earth. They concluded that it was error in detectors. In 2018, another neutrino with high energy came from earth pointing towards space and detectors detected that. So, scientists confirmed that the neutrino particle came from inside with high energy and detectors having no error. Scientists shocked to experience two neutrinos from inside which broke the laws of Physics. In recently, Information from NASA say that there could be **Parallel Universe** exists with high probability. In additionally, they say that the **Time in Parallel World flows in Reverse**. Because, if a neutrino falls in another world and came to our Earth, there could be existence of another universe as same of ours but Time would be different. The two neutrinos are called as **“Upward Pointing Cosmic Rays like Events”**. No one how these two neutrinos came from inside the Earth and where did it come from. This remains Mystery Till date…

 PARALLEL WORLD (IMAGINATION)

REFERENCE LINKS:

1. <https://youtu.be/bg1_QsdRcvM> (Tamil) (Main source)
2. <https://www.youtube.com/redirect?event=video_description&v=bg1_QsdRcvM&q=https%3A%2F%2Farxiv.org%2Fabs%2F1603.05218&redir_token=GjtXNh7zLGmC-cb6hYGETerbMRZ8MTU5MjkxOTMxM0AxNTkyODMyOTEz> (ANITA original research paper)
3. <https://en.wikipedia.org/wiki/Neutrino>

