



The Origin of the Universe including Supermassive Black Holes, Galaxies and Supermassive Black Holes at the Centers of Galaxies

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ABSTRACT

This research paper says that the Universe is eternal. It says that Supermassive Black Holes were/are being come into existence by the energy of organized many small black holes. It says that Galaxies were/are being come into existence through the energy of Supermassive Black Holes. The causes of the existence of Supermassive Black Holes at the centers of some galaxies are that those galaxies were formed by the energy of those Supermassive Black Holes. Still, when those galaxies were formed at that time the Supermassive Black Holes didn't use their all energy to form those galaxies, now also they have the energy to enlarge those galaxies, so they are at present also at the centers of those galaxies. This research paper says that we can increase the working power of the existing Space Telescope and it gives an explanation in this research paper about the methodology for increasing the working power of the existing Space Telescope. It says that there are in the Universe Supermassive Black Holes without the existence of galaxies. It also says that there are galaxies without the existence of Supermassive Black Holes at their centres. It says that besides the existence of galaxies, there are the existences of solar systems, clusters of galaxies and superclusters in the observable Universe. This research paper says that the first generations of that we know in Biology as living organisms and the Oceans on the Earth were come into existence in the Earth planet by the energy of Sagittarius A of the Milky Way Galaxy.

Keywords: Black Holes, Supermasive, Galaxy Clusters

How did the Universe come into existence?

The Universe is natural creation. It is eternal. It has no it's beginning and ending. It will exist forever on the space, it's evidence is new creations of new existences in the Universe for example, new formations of new celestial bodies continue in the Universe. How did/are being Supermassive Black Holes and Galaxies come into existences with supermassive black holes at the centers of some galaxies in the Universe? The galaxies were/are being come into existences in the Universe by the energy of Supermassive black holes. The black holes in the Universe were/are being come into existences by the energy of dead existences for example, dead celestial bodies except the black holes of the Universe. We don't know more about dark matter and dark energy so I don't try to explain here anything about dark matter and dark energy. The ORIGIN of Supermassive Black Holes in the Universe :-How



did/are being Supermassive Black Holes come into existences in the Universe ? To be formed a larger black hole like a Supermassive Black Hole in the Universe many small black holes need to be organized in the Universe because at the same time and at the same place a large numbers of celestial bodies except the black holes of the Universe never died/die. There is no another any way except here mentioned way to be formed the Supermassive Black Holes in the Universe. This is the process about the Origin of Supermassive Black Holes in the Universe.

Besides the existences of galaxies there are Solar Systems, Galaxy Clusters and Superclusters in the Observable Universe. Some galaxies form galaxy clusters and some galaxy clusters form Superclusters in the Observable Universe. There are a large numbers of celestial bodies which are known as stars , planets , satellites , comets , asteroids , black holes of Ordinary energy , dark matter , dark energy , Ordinary matters and Ordinary energy. In the Observable Universe Ordinary energy create black holes of ordinary energy. And black holes of Ordinary energy are related to create in the Observable Universe the Ordinary matters. Again after death of Ordinary matters they create black holes of Ordinary energy in the Observable Universe. All energy are divided into two categories one category is related to positive charge and another category is related to negative charge. Again that energy related to positive charge and energy related to negative charge are considered as Fundamental Particles of Energy because those Fundamental Particles of Energy are Indivisible. Electrons are considered as Fundamental Particles of Energy and it has negative charge. The Fundamental Particles of Energy related to positive charge are not discovered yet. Ordinary energy create Quarks, Quarks create protons and neutrons. Protons and Neutrons as well as Electrons create atoms, atoms create molecules and molecules create whole the Universe.

What are the causes of existences of Supermassive Black Holes at the centres of some galaxies?

It is the cause that when those galaxies were formed at that time, those galaxies were formed by the energy of those supermassive black holes which are now at present at the centers of those galaxies. Those supermassive black holes didn't completely use their energy at that time when the existing galaxies were formed. Now also the supermassive black holes will use their all remaining energy to enlarge those galaxies. And after using all their energy to enlarge those galaxies they will vanish from those galaxies' centers. Are there Supermassive Black Holes in the Universe without existences of galaxies? Yes, there are Supermassive Black Holes in the Universe without existences of galaxies. Will they (Supermassive Black Holes) form in future the galaxies by their energy ? Yes, they (The Supermassive Black Holes) will form in future the galaxies in the Universe by their energy. Why we don't find supermassive black holes in the centers of some galaxies? Those galaxies came into existences by the energy of Supermassive Black Holes. When those galaxies were formed by the energy of Supermassive Black Holes at that time all the energy of Supermassive Black Holes were used to form those galaxies so that at present we don't find supermassive black holes at the centers of some galaxies. Do galaxies disappear from the

Universe? Yes, they (galaxies) will disappear from the Universe. And where do they go? The energy of galaxies takes participation to form the black holes in the Universe. Process of disappearing the galaxies from the Universe:

- The celestial bodies except the black holes of the galaxies don't disappear at the same time; it means all celestial bodies except the black holes of a galaxy don't die at the same time. Some celestial bodies except the black holes of the galaxy die and take participation to form black holes and after some time again some/any celestial bodies (body) die (s) and the energy of those/those celestial bodies (body) except the black holes of the galaxy take (s) participation to form black hole. When all celestial bodies of a galaxy except the black holes of that galaxy will die at that time in the Universe there will be more small black holes in the area where the galaxy was located. After some years the small black holes will be organized to form a Supermassive Black Hole at that area where the galaxy was disappeared. By the energy of Supermassive Black Hole slowly formation of existence of galaxy will start at that area where the galaxy was disappeared and Supermassive Black Hole takes a long period of time to enlarge this galaxy and we find the Supermassive Black Hole at the centre of that galaxy. The Methodology for increasing the working power (working power = to show the observer the things most nearer that are located most farthest distant and help the Telescope to take images of the things which are located most farthest distant) of existing Space Telescope to detect the physical entities of dark matter and dark energy and to prove the existence of multiverse - It's important to increase the working power of the existing Space Telescope. For this purpose we need to increase the working power of its lens (that is made up of glasses). Lenses are made up of glasses. We can increase more power of Space Telescope's lens according to at presents and in futures of our needs. How can we increase the working power of existing lens of existing telescope? For this purpose it's important to know about exact compositions of exact materials of existing lenses (that are made up of glasses) of existing telescope. And then we need to determine the actual percentage of those different materials that are used to the existing lenses (that are made up of glasses) of existing telescope. With a view to increase it's working power we need to create another lens of same family (same family = same nature of materials and same percentage of different materials by which materials the existing lens of existing Space Telescope are made up of but amounts of materials are different) of existing lenses (that are made up of glasses) of existing telescope by the help of existing process that is how are glasses made up of. Here to develop a mixture of glasses we need to use same those different materials by following existing lenses (that are made up of glasses) and we need to add more exact materials than existing lenses (that are made up of glasses) using same percentage of those different materials. By this process we can increase more power to the existing lenses (that are made up of glasses) of existing telescope. And by same process we can increase more power of those existing lenses (that are made up of glasses) of existing telescope at present and in future according to our needs. Can we increase more power to all kinds of existing Astronomical Instruments if we need? Yes , we can increase more power to the existing Astronomical Instruments by the same methods , in case of mixture that are mentioned here for increasing more power to the existing lenses (that are made up of glasses) of existing telescope. And by another method we can solve the problem of this question, "Q. How can we increase heat resistant power of new heat resistant chemical compound material (s) by following the

existing heat resistant chemical compound material like Hafnium Carbide (HfC)?" In this case we need to use another method that is chemical reaction which helps us to create the heat resistant chemical compound material (s) which can withstand to the heat temperature of the STARS. We need to know at first the different material by which the chemical compound that name is Hafnium Carbide (HfC) is made up of. And we need to determine exact percentage of different materials by which the Hafnium Carbide (HfC) is made up of. Now we need to add same kinds of those different materials by following the Hafnium Carbide (HfC) and here to increase more power of our new product of same family (same family = same kinds of materials , same percentage of different those materials by which the Hafnium Carbide (HfC) is made up of but with a view to increase more power to our new product of same family we need to add more materials of same kinds and same percentage of different those materials by which the Hafnium Carbide (HfC) is made up of) we need to add more materials by following the exact kinds of materials by which the Hafnium Carbide (HfC) is made up of using same percentage of different those materials by which the Hafnium Carbide (HfC) is made up of but with a view to increase more power to our new product we need to add more materials by following the exact materials by which materials the Hafnium Carbide (HfC) is made up of. Thus we can increase more , more , many , many more working power of our any such kind of new product. Can we increase working power of petrol? Yes, we can increase more working power of petrol. How? Petrol is the mixture. So we need to use same method that I had already mentioned above that is related to increase working power of existing lenses of existing telescope. How much we can increase working (as a fuel of petrol engines) power of petrol? We can increase working power of petrol how much we need , it means to make capable of our vehicles to travel that are related to petrol engines more , more , more , many , many more quick speed than the speed of light.

We can increase more power by using same method that is mentioned above in the case of mixture to all kinds of mixture. And we can increase working power of any kind of chemical compound material by using same method that is already I have mentioned above that is related to increase working power of new product of same family of Hafnium Carbide (HfC). Use of Space Telescope for detecting the physical entities of dark matter and dark energy: - We can take images of physical entities of dark matter and dark energy by the help of this Space Telescope. Use of Space Telescope to prove the existence of multiverse :- We can prove the existence of Multiverse taking images of other Universes by the help of this Space Telescope.

How did the first generations that we know as Living-organisms in Biology and Oceans in the Earth Come into existences in the Earth Planet?

All those came into existence on the Earth's planet by the energy of Sagittarius A of the Milky Way Galaxy. Into that supermassive black hole our solar system with Oceans of the Earth and the first generations of that we know in Biology as living organisms were formed. When Oceans were formed into this supermassive black hole the Oceans perhaps didn't flow. The first generations of that we know in Biology as living organisms perhaps didn't need food and water and other essential things that they needed on Earth to stay as alive in Sagittarius A. As soon as when our solar system came into existence the Oceans in Earth's Planet started to flow, and the first generations that we know in Biology as living organisms started to eat food, drink water, etc., etc.

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