

New Discoveries About the Earliest Universe (Big Bang 2025)

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a) New Explanation for the Source of the Big Bang's Energy

The Big Bang is a phenomenon in which an immense explosion occurred within an extremely dense and compact mass. A fundamental question arises: what was the cause of this explosion, and what propelled it? Given that the Big Bang was an extremely dense structure with a high potential for explosion, there must have been a factor that could confine this immense mass within a minuscule volume.

One of the best possible explanations is the collision of celestial objects at the Big Bang's point. In fact, the fundamental energy of the Big Bang resulted from the impact (collision) of these objects at the earliest point, where they were concentrated. The reaction to this collision is what we refer to as the Big Bang phenomenon.

b) New Explanation for the Nature of the Big Bang and the Objects Formed from It

Since the Big Bang contained an extremely high mass in a small volume, we can compare it to a minuscule sphere characterized by extraordinary properties such as heat, energy, density and so on. However, its fundamental nature can be described as sub-photon, meaning that photons were formed from it. If we were to propose a name for these sub-photon particles, we could refer to them as “*Saleh particles*” or “*Cidtonium*”, identifying them as the fundamental constituents of the Big Bang. The Big Bang sphere itself could be called the “*Mother Sphere of the Universe*”.

c) The Elements and Particles Formed After the Big Bang

If we consider the explosion of a star, nuclear fusion transforms hydrogen into helium, helium into lithium, and subsequently into heavier elements. Similarly, the Big Bang, being an unparalleled magnitude event, encompassed all necessary factors—such as impact, pressure, and energy—to facilitate the formation of fundamental particles and structures. As a result of the explosion following the Big Bang, it is conceivable that all elements, nano black holes, and various other cosmic structures could have been created.



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