

The beginning of the universe according to HDV

The previous interpretation is also in accordance with STR The construction of the vision "how it started" and how it should be in the universe after BB, I am still tweaking, adjusting, improving, creating and creating. (Unfortunately without the necessary consultations).

Part No 01) ""*Our*"" The universe, after the big bang, is a location in a Euclidean flat infinite 3+3D space-time, without matter, without the passage of time, it is a finite location that begins-occurs with the big bang, (which is not an explosion, but Changing the previous state to the subsequent state) to the state of plasma, which is a space-time with an ultra-high curvature of the dimensions of two quantities, space-time. It is a seething vacuum, it is a froth of dimensions; **it is a finite location in an infinite flat time-space that "floats" in that basic Euclidean network - the grid, a wonder of non-curved dimensions.** This basic "web-yarn-grid" in the state before the big-bang is still around us, it exists not only before the big-bang, but also after it, it is around us and we and the whole complex universe with matter and galaxies and black holes and gravitational fields, we float in that flat 3+3D web of spacetime. The beautiful thing is that even a mathematician will have no objections when he doesn't have to investigate "how" big is the singularity = "location-our Universe" and will have to recognize the possibility of proposing reality, that in an infinite 3+3D non-curved space-time, the final location is arbitrarily large , is almost-infinite and almost-zero... Even for a mathematician, it is not possible to determine how big a "unit" is - a unit interval of length or time in an infinite grid-net-yarn of dimensions. That Location is "our Universe"...only one. And the Big Bang was not the creation of the Universe out of nothing (as string theorists claim), but it was a "jump = change of state" from the previous one to the next one, a "jump" from a totally flat space-time to a totally crooked state of space-time.

Part No. 02). The pre-Bang state of flat dimensions changed suddenly into a finite (unknown and unknowable how big) locality with extremely crooked dimensions that 13.8 billion years unfold !!!!, unfold into a global "real-structure" (a sky full of galaxies) and collapse with !!!! in the microstructure = in the microworld into matter !!!!, after the big bang they are packed (those dimensions) into packages = elementary particles and then they are packed into conglomerates, i.e. into atoms, molecules, into chemical-biological compounds. Etc.etc....etc as I have been describing elsewhere for many years. **According to physicists from Di Valentino's team, this anomaly could be explained if the expanding universe had a spherical shape.** Which is the same, even better, if the expansion is explained by the "unpacking" of that "starting" curvature of the spatiotemporal dimensions in the Bang = in the stop state in which time begins to flow and expand = space begins to expand; this state of space-time of ultra-high curvature of the dimensions of time and length, is plasma, is a state of post-Flash plasma foam. In this foam, the "boiling vacuum" on Planck scales, mini-localities = "frozen states" are recruited - waveballs-wavepacks, which in our human concept become elementary particles of matter. Thus the Universe builds = creates matter. (Each particle has a different number of packed dimensions and different curvatures of these; this determines their properties). Then such an initial state of the Universe, the space-time after the Big Bang continues to ***unpack* and simultaneously *pack*, i.e. it unpacks "out" "of the singularity" and *packs* "inside-into itself".** In other words, there is a clustering of elements (matter particles such as quarks, leptons, then into baryons, resonances, then into atoms, further into molecules and compounds - this is the "packing" of crooked packages into

more complex conglomerates, **and this happens not only after the Big Bang, but packing is still happening today; a complex mass of protein, DNA..**

Part No 03) Even today we have a Planck vacuum around us continuously throughout the history of this! Universe..., all around us in the boiling vacuum of planck and sub-planck scales, the same processes are happening as they were a million years ago, a billion years ago and 14.24 billion years ago right after the Big Bang.) This entire "Local Universe" with curved dimensions is nested in a 3+3D grid, in a network of flat Euclidean dimensions. The universe "floats" in an infinite flat space-time. **And at the same time, the unpacking...and packing takes place from Bang.** I don't know what type of curve this expansion into the global version of the big universe is, and I thought 35 years ago that this expansion was parabolic...; **Summary:** it means that the Universe is expanding, excuse me, **unpacking** not only (!) after the Big Bang and the era of relic radiation, but still, to this day, all around us (gravitational curvature is still around, (unexpanded into complete flatness) and other electromagnetic space-time curvatures, etc. are still commonly there..., only the "most global" 3+3D space-time field, gravitational, is the *most expanded* most flattened and it's unmeasurable how much-little curvature approaches absolute flatness-straightness.)

Part No04) : I proposed instead of the big-bang "inflationary jump" in the sense of an "instant", "instant" status changes change, of state of the original flat Euclidean smooth 3+3D space-time into an extremely curved 3+3D non-zero location - our future Universe...while the ""event"" of the change of state is not related to time as such..., occurs "anytime" (!), and the subsequent location of the new "curved dimensions" occurred "inside" the previous infinite flat 3+3D, and the location is arbitrarily large, because in the infinite state of spacetime, the size of the unit cannot be determined. And it must be added right away that **Time is just an artifact = a quantity**, the name of an "existential state", and the flow of time occurs only when it begins to move "along time dimensions" = to move the observed object-subject, it cuts off intervals. Time does not run for us, but we run "after" time, along the time dimension. And as we cut off those time intervals, we perceive it as the passage of time. Before the Bang, "time did not run" because there was "nothing" to run along the time dimension. After the Big Bang, there was a "boiling vacuum" of dimensions 3+3, and in it, dimensions were packaged into "cocoon", matter, objects from dimensions were born and they "started" to move along the time dimension...etc. as the mighty HDV says.

The previous interpretation is also in accordance with STR

Inside the rocket (moving $v \rightarrow c$) the commander "in his own system" has a watch - cesium **that ticks at the same rate as on Earth**, but when the rocket commander's watch is compared with the watch on the ground by the signal sent by the rocket commander to the Earth, they compare with 2 systems rotated according to the STR (Lorentzian transformation) and thus the terrestrial observer **observes** different intervals of the passage of time on *the muon = on the rocket = on the quasar*, different from the one on Earth... With the muon with the strange difference that both objects - observers, their systems, they are close to each other, a muon in the atmosphere. Whereas the quasar, >behind the last galaxy<, which has véé \rightarrow céé to us, has "its own" system rotated so much (almost by 90^0) http://www.hypothesis-of-universe.com/docs/c/c_009.jpg , that it is almost at the limit of observability... That's why we think that time on the quasar hardly runs, we observe the "quasar time", that it is dilated, **but**

we only observe it!, otherwise on the quasar itself they *Quasarized* no dilation they do not observe each other, see the missile commander. With any choice of units, $c = 1/1$. Converting to "our choice" of "unit" intervals, this is $c = 2.9979 \cdot 10^8 / 10^0$. But the c-speed is "today" in today's "stop-state" from Třesk. Is $c = 1/1$ the same throughout the universe??, is it the same at any time since the Big Bang? in any historical stage of the universe ?? **Apparently** so. Today's global universe is expanding = expanding at some rate. http://www.hypothesis-of-universe.com/docs/c/c_239.jpg He began his unwrapping at near light speed, with a more crooked view of the past. So the unpacking was "faster" in the past, and it is still slower in the future! !, because the curvature is already almost unwrapped. **I don't believe in any accelerated expansion of space-time.** If light comes to us from a quasar, (from the horizon of observability), then it carries information rotated (almost by 90), because it flew "at a time" when 3+3D space-time was very curved. http://www.hypothesis-of-universe.com/docs/c/c_239.jpg ; this too is foam of dimensions http://www.hypothesis-of-universe.com/docs/c/c_302.jpg ; how are the dimensions "packaged" on the space-time grid? → http://www.hypothesis-of-universe.com/docs/c/c_388.gif → place this package in this grid http://www.hypothesis-of-universe.com/docs/c/c_283.jpg

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