

Quantum Dark-Energy Power-Flows [**QDP**], Set Off the Initial Event, Replacing That Big Bang From Nothing & Creating That CMB Anomaly

Charles Sven May 1, 2026

Approximately 4,000 words & 18 figures

Quantum – the smallest possible amount, like parts of atoms – electrons, quarks, protons, etc.

Forward intro by author: Up to this paper of mine – no one knows how our Universe was created. Currently all studies have been hemmed in by relying on cosmology’s use of counterintuitive assumptions described herein. This paper is out of that confined cosmological box and finds that common ordinary observations recognized by me of our use of instant powerful light photons emerging from the atoms of matches, dynamite, atom bombs, and starlight (powered by electrons driven by **QDP** since creation eons ago) as my starting point of observations which allow me to describe a reasonable Initial Event out of this **QDP**, creating all the atoms that make up our universe ending with that 2026 Brookhaven finding of virtual particles into matter [pg. 4] and last, we see a very slow (NASA’s COBE Satellite Measurement of) Earth virtually in the Center of our Universe changing the calculation of our Universe’s much older age.

All the evidence presented herein is inadvertently supported by NASA, MIT, BNL, Stanford, & other equivalent organizations. Most important!!! Stanford & BNL page 3-4.

How to study anything! Compare directly with observations:

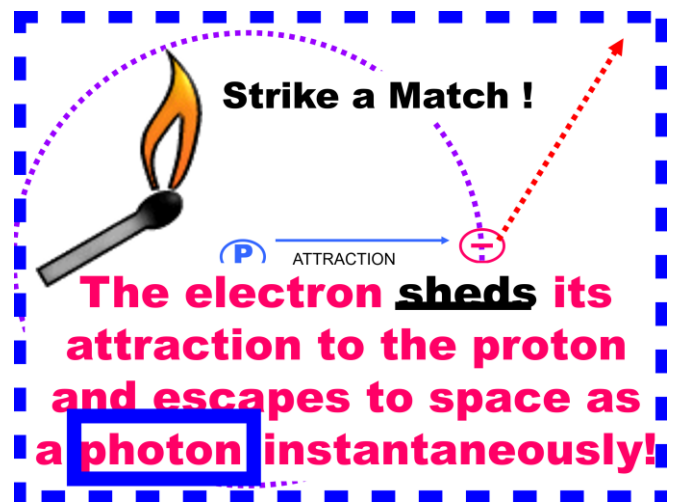
Richard Feynman as part of the Messenger Lectures on “*The Character of Physical Law*” at Cornell University on November 9, 1964,

paragraph 38 & 39 – “We compare directly with observation (as experiments are) to see if it works. If it disagrees with experiment (observations) it’s wrong. And that simple statement is the key to science. It doesn’t make any difference how beautiful your guess is, it doesn’t make any difference how smart you are, who made the guess, or what his name is. If it disagrees with experiment, it’s wrong. That’s all there is to it.”

<https://jamesclear.com/great-speeches/seeking-new-laws-by-richard-feynman>

6 QDP Observations Overlooked by All :

First QDP of six: STRIKE A MATCH ! and the ancient atom electrons, pushed by a strong energy force, slips from its harness, like a stone from a sling, and emerge as light/photons, out instantaneously at 186,282 miles per second, requiring **continuous** dark energy(1) fighting the **continuing** electron/proton attractions (EPAS).



(1)What we learned in school – EPAS, then add – that an unknown energy force then enabled the electron to resist that very powerful attraction of the proton EPAS by high speed(*on p2) orbiting in a spirographic pattern pushed by this quantum dark energy at light speed since created eons ago. Visual proof of this spirograph orbit provided by the 1984 scanning electron microscope ‘pictures’ of ball bearing shaped atoms. See fig (2)

(*) Electrons orbit at light speed

Notes about that atomic clock:

A cesium atom's 'electron' oscillates at 9.2 billion cycles per second. Atomic resonance 'found' 1938

Massachusetts Institute of Technology MIT :

A 2020 study finds Ytterbium atoms vibrate 100,000 times more – 900 trillion cycles per second – “oscillates at the same very high frequency as visible light.”

<https://news.mit.edu/2020/atomic-clock-time-precise-1216>

By inference, all electrons orbit at the speed of light as seen with matches, atomic bombs, etc.

This is the answer to the difficult measurement quest of the electron in the quantum atomic world.

Examples of **QDP**:-

–When you see the match flame it's painless but put your finger near the flame and it burns.

Electrons, slipping harness, and exiting at light speed becoming photons are powerful !

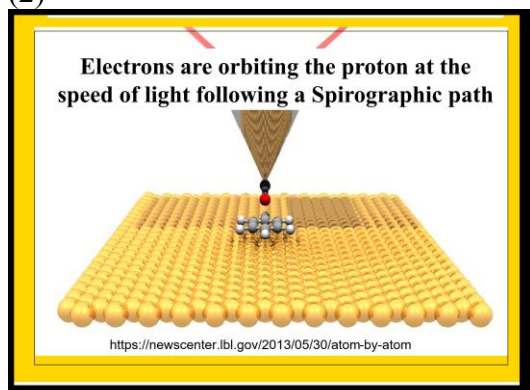
– Add more electrons, becoming photons in dynamite explosions, to blast holes in rocks.

– Drive U235 electrons into photons in atom bombs and we can destroy a city.

– Increase electron to photon volume in the fusion furnace of our sun or stars and powerful photons provide ample heat to orbiting planets.

5th QDP: That active Dark Energy overlooked by all up to now fueling every atom's electrons, found in all the atoms, in all the stars, in all the galaxies, out to the edge of space, since created billions of years ago indicates that that **QDP** field of Dark Energy must be far greater than our visible universe, perhaps infinite in order to continually power all the galaxy star atoms filling our universe, and consequently must have existed in pre-existing space before the Initial (big bang like) Event.

(2)



The noncontact atomic force microscope 'sees' atoms with orbiting electrons, pushed by **QDP**, looking like ball bearings.

<https://newscenter.lbl.gov/2013/05/30/atom-by-atom>

2nd, 3rd, & 4th Quantum dark-energy power-flows [QDP] , stepping up power: –

Evidence of this instantaneous active **QDP** is found operating more powerfully in firework displays, dynamite explosions, and very powerfully in chain reactions, atomic bombs, and in the light photons coming from the fusion furnace of galactic star atoms.

Proton's sub-atomic parts moving at near the speed of light are also affected by this QDP:

“A proton sits in the center, barely moving,”
“Or so it appears, until we look into the proton itself. The inside of the proton itself is more like a commune packed full of single adults and children: pure chaos. It too is a bound state, but what it binds is not something as simple as a proton and an electron, as in hydrogen, or even a few dozen electrons to an atomic nucleus, as in more complicated atoms such as gold, but zillions of lightweight particles called quarks, antiquarks and gluons. It is impossible to describe the proton's structure simply, or draw simple pictures, because it's highly disorganized. All the quarks and antiquarks and gluons inside are rushing around as fast as possible, at nearly the speed of light.”

<http://profmattstrassler.com/articles-and-posts/largehadroncollider-faq/whats-a-proton-anyway/>

That means that every atom is powered by that **QDP** field. –

Up to this paper of mine, there are no valid theories describing a power source driving the electron functions in atoms.

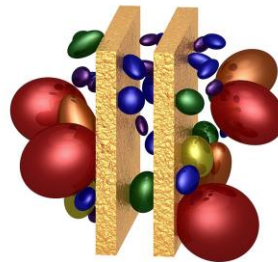
Philosophical Question – (is that **QDP** field the domain of a creator?)

Hypothesis: The concept that provides the relationship between two or more unrelated data sets. The concept fairly rooted in observable physics. – A hypothesis is a testable statement or educated guess that proposes a relationship between variables (**QDP** fueling atoms) and (Earth in the center based on star chart evidence listed next) which serve as a basis for scientific investigation, requiring further research to confirm or disprove it. It should be clear, concise, logical, and falsifiable, outlining what you expect to find in your research based on prior knowledge.

My hypothesis:

6th QDP: This active **QDP** prior to that Initial Event permeated our universe running every kind of pattern until a sufficient amount – formed laser like beams that converged onto a small enough area like that 1997 Stanford Lab Experiment(2A) creating some tiny atomic matter from huge energy beams and the Brookhaven National Laboratories [BNL]- February 4, 2026 report titled *New findings on particle spin correlations offer insight into how visible matter emerges from "nothing"*. [See figure (2 B)] This converging **QDP** laser field combined virtual particles** into hydrogen atoms entrapping space 248 trillion times volume of its proton that explosively bubbled out so fast into **QDP**'s home – preexisting space – this was the Initial Event – that pushed out the first atoms to or near light speed into space.

**** File:Casimir plates with color coded virtual photons.jpg**



https://commons.wikimedia.org/wiki/File:Casimir_plates_with_color_coded_virtual_photons.jpg

Title: *Are virtual particles really constantly popping in and out of existence? Or are they merely a mathematical bookkeeping device for quantum mechanics?*

<https://www.scientificamerican.com/article/are-virtual-particles-real/>

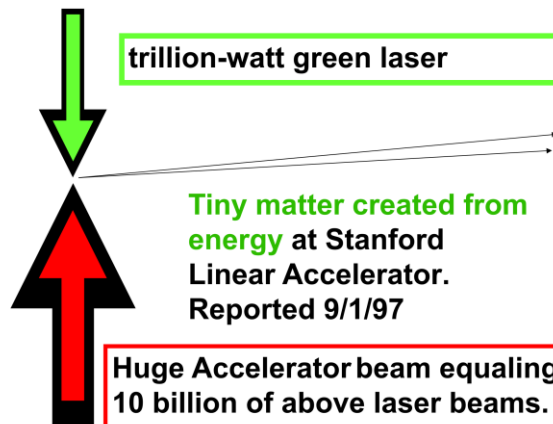
“Gordon Kane, director of the Michigan Center for Theoretical Physics at the University of Michigan at Ann Arbor, provides this answer.”

“Virtual particles are indeed real particles.”

“Quantum theory predicts that every particle spends some time as a combination of other particles in all possible ways. These predictions are very well understood and tested.”

Hypothesis – Becomes Reality!

(2A) See *Out Of Pure Light, Physicists Create Particles Of Matter*. ScienceDaily, Sept.1997 at: www.sciencedaily.com/releases/1997/09/970918045841.htm



(2B)

And now 2/4/2026 Brookhaven National Lab (BNL) creates matter from virtual particles:



2/4/2026 “This BNL image depicts the dynamic fluctuations of energy fields in the quantum vacuum that are associated with the fleeting emergence of spin-aligned quark/antiquark pairs. Physicists analyzing data from the Relativistic Heavy Ion Collider (RHIC) have shown that RHIC's particle collisions can deliver an extra energy boost that **transforms such virtual particles into real particles that can be picked up by detectors like STAR.**”

<https://www.bnl.gov/newsroom/news.php?a=122738>

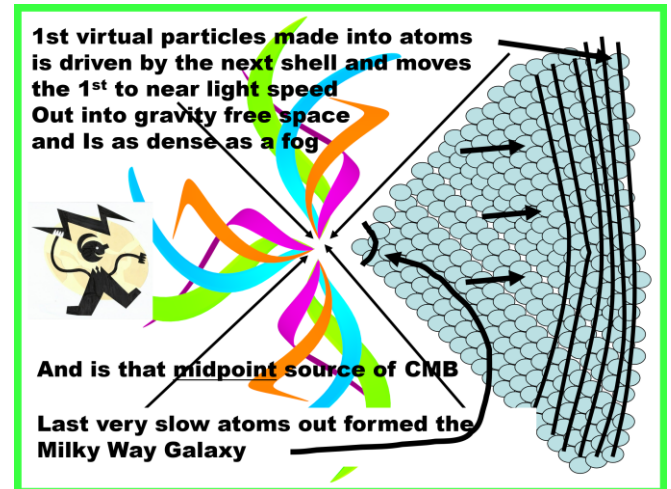
Initial Event – from QDP fueling all the atoms replaces – a big bang from nothing:

All the atoms in a scatter plot pattern explosively bubbled out, into pre-existing space (noted in 5th power flow), eventually formed galaxies and last atoms out, forming our very slow Milky Way [just moving at 0.2% of light speed as measured by the NASA's Cosmic Background Explorer Satellite (COBE)(3)] virtually in that very special place right next to the Initial Event's Epicenter, - Center of our Universe (supported **inadvertently** by NASA and other equivalent institutional space surveys).

Those atoms formed so fast that the first layer out got pushed by the next layer out at or near the

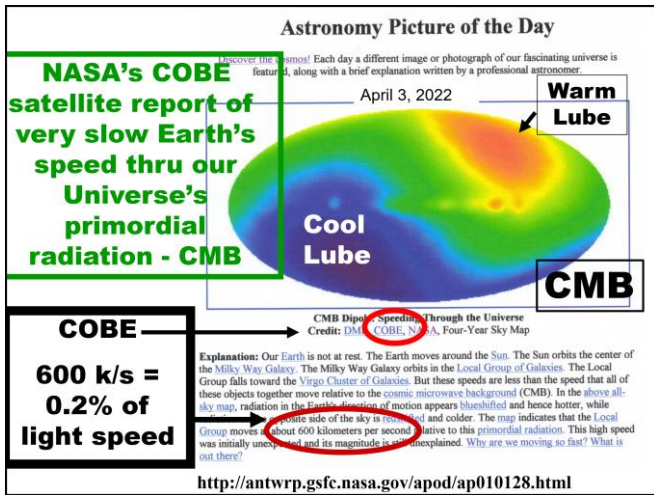
speed of light and this process continued with lesser volume and slower speeds until all those laser beams finished converging creating all our atoms.

Graphic from my 2022 conference presentation



(3) Earth, in the Solar System, in the Milky Way Galaxy, is among the slowest moving galaxies in our Universe as measured by NASA's COBE Satellite. APOD April 3, 2022:

The speed of very slow Earth thru our universe was discovered by NASA's COBE Satellite displaying that Cosmic Microwave Background Radiation (CMB) map reported at Astronomy Picture of the Day (APOD), April 3, 2022, noting that: “Our Earth is not at rest. The Earth moves around the Sun. The Sun orbits the center of the Milky Way Galaxy. The Milky Way Galaxy orbits in the Local Group of Galaxies. The map [graphic] indicates that the Local Group moves at 600 kilometers per second (kps) [0.2% of light/speed] relative to this primordial radiation.” This 600 kps is super slow compared to light speed at 300,000 kps. From April 3, 2022 See APOD COBE map as an oval next:



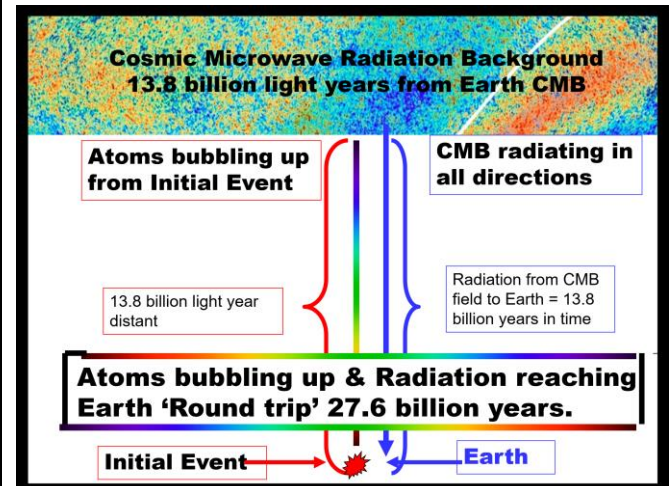
No one can see beyond this spherical CMB that acts as a thick impenetrable fog made from those first atoms pushed out into space at or near the speed of light noted in the 6th quantum power flow based on Stanford & Brookhaven's creation of matter using very powerful energy and laser beams.

NASA's love affair with Ovals – impossible to tell where Earth or any galaxy is at !

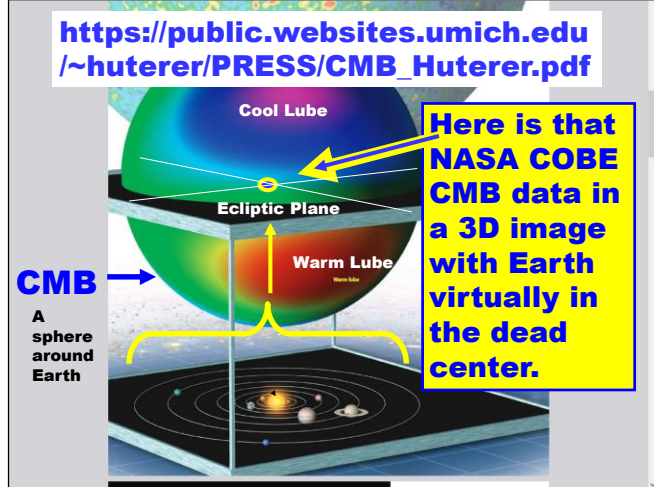
Note about NASA's graph of this COBE DATA presented at this link – NASA prefers to depict the whole 3D universe using a Aitoff Projection resulting in a oval on a flat surface without positioning Earth. It is impossible to visualize the geometry of our universe inspecting this oval - need CMB the edge of observable Universe in 3D. [NASA's Ovals are Obscurity !]

<http://antwrp.gsfc.nasa.gov/apod/ap010128.html>

Next figure: Tracking atoms from that Initial Event all the way out to the CMB at the edge of our observable galaxy filled Universe and the returning radiation. Graphic from my *Big Bang Book, How, Where, & When Demonstrated*



Cosmic Microwave Background Radiation (CMB)
NASA's CMB data in 3D:



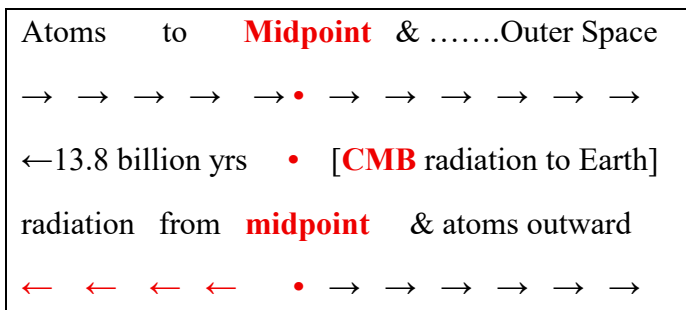
https://public.websites.umich.edu/~huterer/PRESS/CMB_Huterer.pdf

Following those first atoms out of that Initial Event traveling at or near the speed of light for 13.8 billion years, and like the light from speeding auto tail-lights, radiating back to Earth [what we see as that CMB sphere, the edge of our visible Universe] from the midpoint(4) of radiating atoms rushing out into space] taking a second 13.8 billion years for that radiation to reach our very slow Earth in the local group traveling just 0.2% of light speed, hardly moving away from the center of our universe – the Epicenter of the Initial Event, a 'round trip' of 27.6 billion years – providing sufficient time for galaxy formation – **27.6 billion years – that's the age of our Universe and all atoms.**

(4) As far as we could see – the Midpoint [CMB] at the edge of our observable Universe

The Midpoint: If traveling to a destination in one direction at or near the speed of light takes 27.6 years, then the midpoint of travel takes 13.8 years. Further the radiation of your car taillight will take 13.8 years to shine back to the starting point – a ‘round trip’ of 27.6 years while at the same time one continuously travels onto their destination. See diagram next:

The **CMB** is the Midpoint of Atoms traveled



This 27.6 billion years provides sufficient time to form our youngest galaxies. They and that **CMB(5)** are 13.8 billion years old when found out at the edge of our visible universe (taking another 13.8 billion years for their light to shine back to us Earthlings). (The time of galaxy formation and light distance from Earth for all celestial objects will equal 27.6 billion years.)

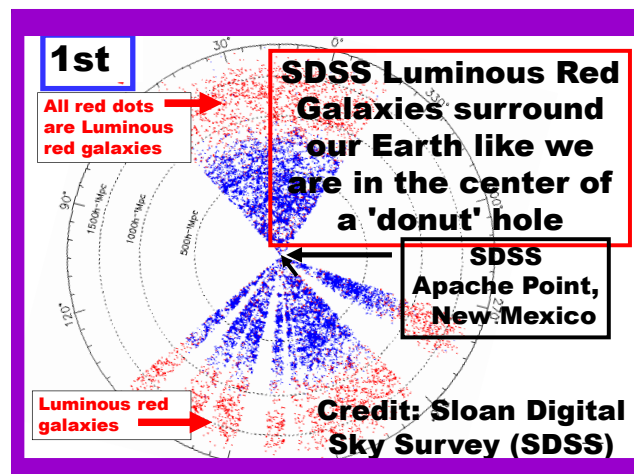
(5) The distribution of this **CMB** along with all the spherical onion-like layers of galaxy clusters (found in every sky survey(6) produced by NASA and others) is the direct result of the aftermath of gravity on the atoms bubbled out during the Initial Event.

6) Every sky survey finds a spherical layered onion-like lumpy distribution of celestial objects surrounding Earth in the virtual center(7) of our observable, non homogenetic(pg.8) universe.

(7) Earth in the Virtual Center of our Universe:

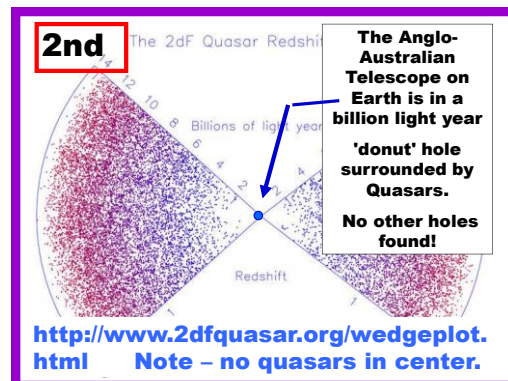
Every star survey [6 listed here] places Earth in the center of their findings:

First: starting with the Sloan Digital Sky Survey whose reporting finds those Luminous Red Galaxies LRGs surround our Earth like we are in the center of a very spherical onion from their dedicated telescope in Apache Point, New Mexico. First layer of (blue dots) galaxies around Earth is surrounded by the next layer of LRGs See: <https://www.nbcnews.com/id/wbna12801391>

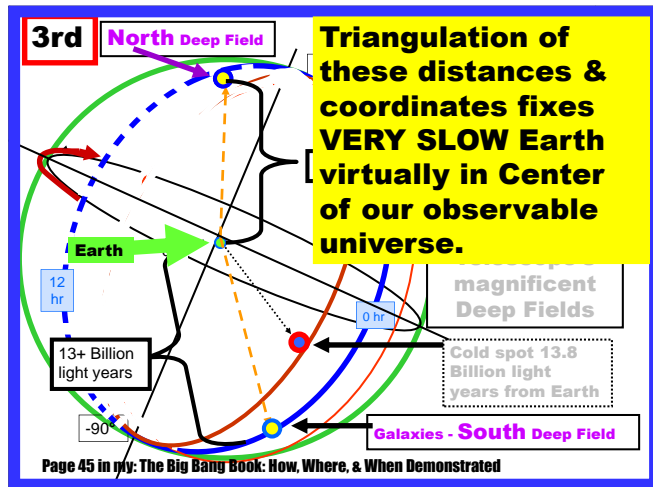


Second: The Anglo-Australian Telescope recording quasars [between 2-3 million identified in catalog] finds that Earth in the center of a billion light year spherical void of quasars and then a surrounding quasar filled field with distinguishing different density layers going all the way out to edge 14 billion light years in every direction. See:

<http://www.2dfquasar.org/wedgeplot.html>



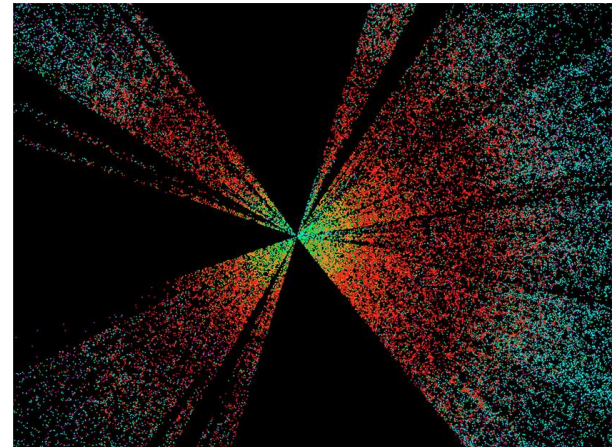
Third: The Hubble Space Telescope’s magnificent North and South Deep Fields, each some 13 billion light years from Earth are in opposite directions, and when including the cold spot that’s off to one side; we can by triangulation of these distances & **ESA** coordinates fix **VERY SLOW** Earth virtually in Center of our observable universe. Graphic from my book – *The Big Bang Book: How, Where, & When Demonstrated* – page 45: European Space Agency **ESA**
https://esahubble.org/science/deep_fields/



5th CMB in 3D – repeat of page 5 figure



6th DESI “a subset of 400,000 of the 35 million galaxies ...”



Fourth: The link to the BBC report is at:
<http://news.bbc.co.uk/2/hi/science/nature/2814947.stm>

CMB

Cosmos – BBC News – March 3, 2003 by Dr. D. Whitehouse.

This image has been produced from data collected by the Wilkinson Microwave Anisotropy Probe (WMAP), which was launched in 2001.

“It is a photo of the most distant thing we can see; our best photo yet ,” said Dr. Max Tegmark, of the U. of Pennsylvania, who processed the image.”

“The entire observable Universe is inside this sphere, with us at the center of it.”

<http://news.bbc.co.uk/2/hi/science/nature/2814947.stm> ---4/15/4

DESI-the Dark Energy Spectroscopic Instrument at Kitt Peak has mapped more galaxies than all previous 3D surveys combined and finds Earth in our Milky Way Galaxy at the very center of its findings. See above telescopic data graph at:
www.aura-astronomy.org/blog/2022/01/13/noirlab-desi-at-kitt-peak-has-mapped-more-galaxies-than-all-previous-3d-surveys-combined/

All Sky Surveys find the Milky Way Galaxy containing Earth in the virtual center of our visible Universe. – There are NO un-doctored surveys doing anything else.

No sky survey supports the assumption that our universe has any homogenetic elements!

Note, Assumption of Homogeneity & its Demise !

The Cosmological Principle: This principle states that, on sufficiently large scales, the universe is both homogeneous and isotropic. Homogeneity means that the universe is uniform everywhere, with matter and energy distributed evenly.

A necessary simplification: This idea of a homogeneous universe is a simplifying assumption that allows cosmologists to apply Einstein's field equations to the universe as a whole, enabling the development of models like the Friedmann-Lemaître-Robertson-Walker (FLRW) metric.

See: *The Distribution of Galaxies*, Cambridge University Press 1999 – section 6 *Clusters versus Correlations* – It describes the assumption [in the 50's] of homogeneity for the purpose of simplifying the calculation of galaxy clusters: "With statistical homogeneity, any point could be chosen as the origin, which could therefore be on any galaxy. Thus, this describes the clustering, without the need for any well-defined clusters to exist. "

And Note: In cosmology, homogeneity is a fundamental postulate(9) an assumption that forms a cornerstone of the standard model of the universe (the big bang theory). Starting with –

Top Cosmologists have to bend over backwards to try to sell homogeneity by suggesting one needs Poor Vision – not very scientific, see next: —

“The simplest assumption to make is that if you viewed the contents of the universe with sufficiently poor vision, it would appear roughly the same everywhere and in every direction. That is, the matter in the universe is homogeneous and isotropic when averaged over very large scales. This is called the Cosmological Principle.”
Peebles, P.J.E., Schramm, D.N., Turner, E.L. &

R.G. Kron 1994, *The Evolution of the Universe'*, www.scientificamerican.com/issue/sa/1994/10-01/

Demise ! NASA COBE Satellite records that CMB has at least three elements – the warm lobe, the cool lobe and the in between; [see NASA's Oval figure on page 5] these three elements are not homogenetic – the Planck study has even more elements that cannot be considered homogenetic.

All the sky surveys depict galaxies, no two alike, in onion like layers – note: the shape and distribution of galaxies are demonstrably not homogenetic.

Conclusion: Non Homogenetic CMB and Non Homogenetic Galaxies sharing the same space are not Homogenetic. There is nothing in our observable universe that is homogenetic. **The scientific model; the cosmological principle is defective and must be replaced.**

Consequently, the lack of homogeneity must allow one to accept the Initial QDP Event as the new basis for galaxies and CMB formation.

(9) Postulate – Assumption

A scientific postulate is a fundamental statement or assumption that is accepted as true to serve as the foundation for a theory, argument, or model, even if it hasn't been proven with empirical evidence yet. Postulates are the starting points for scientific reasoning and are used to develop logical frameworks, with their validity ultimately tested by experimental observation and the ability of the resulting theory to accurately describe and predict natural phenomena.

More cosmological counterintuitive assumptions:

– Since about 1514, Copernicus moved earth from the center of our world and by the 1930's Edward Arthur Milne convinced the cosmological world that our earth had no place special in the universe – reducing man's and God's status.

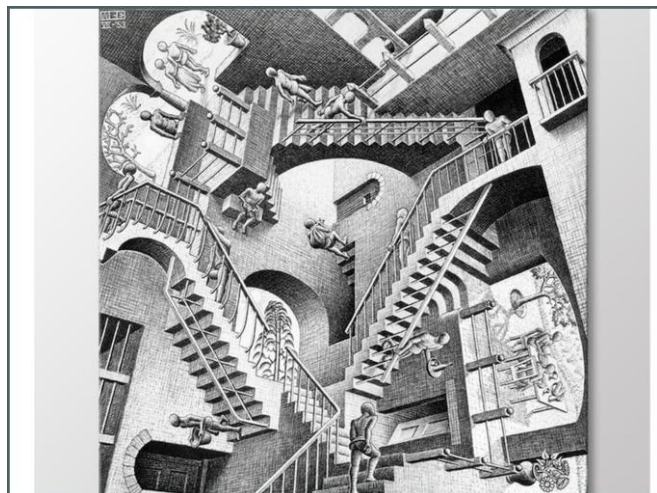
– Edward Milne promoted the Copernican Cosmological Principle during 1930's Methodological Debates. His 'principle' proposed that since Earth is not the center of our universe, we don't occupy a 'special' place. See:

Cosmology: Methodological Debates in the 1930s and 1940. Section 8.4

<https://plato.stanford.edu/entries/cosmology-30s/>

How Math entered Cosmology with Assumptions

Math is like an Escher Painting, intriguing but very difficult to locate reality therein.



Cr. Wikipedia: Relativity by M. C. Escher

These counterintuitive assumptions first began in the early 1900's with math:

One Old Math assumption says that space expands:

- With astute physical observations (*à la* physics), we discern some of Nature's repetitive expanding rhythms that when described are called laws of nature. Mathematics then steps in, counts the points observed and measures them. Then with formulas or equations records their repetitive nature and possibly thereby predicts the next steps.

- In the early 1900's, mathematician Willem de Sitter composed some math work with which he described that empty space expands. – Well, in empty space there is nothing to count and no points to measure, so what's left must be an equation of nothing becoming a larger nothing if that's possible – there were no observations in 1915 for concluding that empty space expands.

- Further consider the following: $2 + 3 = 5$. That is an abstraction that has no description of nature until one adds some observations to those numbers.

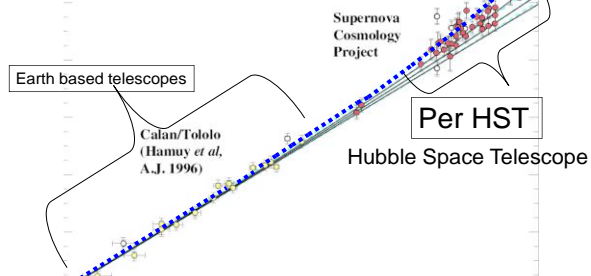
- Adding to this de Sitter abstraction, that so called empty space expansion, in 1997 cosmologists thought that they found evidence that that empty space expansion, had accelerated. See next (10)

(10) Taking a sample and averaging it is a manipulation that could hide reality

VERY IMPORTANT NOTE: That accelerating space expansion is a misreading of manipulated data.

Supernovae Cosmology Project:

Skip the **upward curving average** (that dotted blue line) and examine the scatter plot. An explosion provides a better driving source for the **random shotgun-like distribution**.



The statistical average curve is a manipulation (that suggested that that expanding space accelerated) and that expanding space acceleration concept, based on the Saul Perlmutter **Supernova Cosmology Project**, a shotgun like scatter plot, is better explained by a pulsating convergence of laser like beams of dark energy **QDP** creating

matter during the chaotic bubbling explosive Initial Event. (That 6th QDP power flow.)

That scatter plot is pictured in the web site as figure 3 at: <https://www.darkenergysurvey.org/the-des-project/science/>

Counterintuitive Assumptions

In the intervening years since Milne, nothing has changed that status. The problem was that cosmology up to now is based on counterintuitive assumptions like something from nothing, accelerating space expansion, homogeneity, and rapid formation of galaxies(11) ignoring basic studies like Stanford and Brookhaven, and include other assumptions(12) without a physical counterpart.

(11) What we know about Galaxy Formation

Most realistic: Galaxy formation time computed by Dr. Peter Lausen's paper: *How are galaxies formed?* "Galaxies evolve not only by merging with other galaxies, but also through 'internal' processes. This evolution is called secular, ... Secular processes take a few billion years..." [Galaxies can't merge until at least two have formed taking a few billion years; and then they need a billion years or so to merge.] See subtitle section "A star is born, another star dies" in <https://www.sciencenordic.com/astronomy-denmark-galaxies/how-are-galaxies-formed/1774357>

(12) Last two assumptions: refuting inflation by Anna Ijjas, Paul J.Steinhardt, Avi Loeb(A) and denying expansion by Michael Turner(B):

(A) "One thing it (inflation) would tell us is that at some time shortly after the big bang there had to have been a tiny patch of space filled with an exotic form of energy that triggered a period of rapidly accelerated expansion of the patch. ... It is important to note, however, that this critical

ingredient, referred to as inflationary energy, is purely hypothetical; we have no direct evidence that it exists." An assumption without evidence!

<https://www.scientificamerican.com/article/cosmic-inflation-theory-faces-challenges/>

(B) "Complicating matters further, the repulsive force [that cosmological constant, expansion, and inflation] had to be less when the galaxies were forming than it is today. If it had always hovered around its present strength, galaxies would have blown apart before they have formed, and no one would be here today to worry about it. 'We want it to be here today and gone yesterday, so that it doesn't interfere with the growth of structure, said [Michael] Turner." See: K. C. Cole, *The Hole in the Universe: How Scientists Peered over the Edge of Emptiness and Found Everything*. New York: Harcourt, Inc., 2001, page 201.

This now and then wish of Mike's is not currently part of the cosmological standard model.

All this Elevates Man, Earth, and the Milky Way Galaxy and Ones' Concept of a Creator virtually right next to the Initial Event's epicenter of our 27.6 billion year old Universe located in the possibly infinite QDP Field that fuels all our atom electrons.

Conclusion: Man's (and God's) Status Elevated by this new Cosmology:

We live virtually in the Center of our observable 27.6 billion year old galaxy filled Universe.

All this from a Match, EPAS, and QDP Observations !

I, Charles Sven, discovered the Quantum world, The QDP that created the Initial Event, replacing that old assumption of a big bang from nothing with my use of observations and classical physics.

Science finds the tools Philosophy seeks the Craftsman

I am an Observational & Theoretical Scientist
immersing myself into the independent study of
Cosmology and Creation since 1997 and presented
my expanding understanding at 7 philosophical
and 16 science conference presentations listed at
<https://www.allnewuniverse.com/public-talks/>

My 2015 book: *The Big Bang Book: How, Where,
& When Demonstrated* – available at Amazon.
See: <https://www.amazon.com/Big-Bang-Book-Where-Demonstrated/dp/0967035317>

My 2022 conference presentation a fully narrated
50 minute powerpoint is available on YouTube at
<https://www.youtube.com/watch?v=dSOsstGkPGY>

Quantum Dark-energy Power-flows QDP
Discovered by Charles Sven May 1 2026