

UNLOCKING  
THE SECRETS  
OF THE UNIVERSE  
AND INFINITE  
LIFE  
REVISED

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Goffrey V. Wolfe

## ACKNOWLEDGEMENTS

I am grateful to our creator and leading scientists listed below and pictured on the next page and to many other scientists referenced throughout this hypothesis for their accomplishments and contributions.

Albert Einstein.

Isaac Newton.

Dr. Max Planck.

J. David H. Bohlin, PhD, senior scientific program executive office of space science NASA headquarters

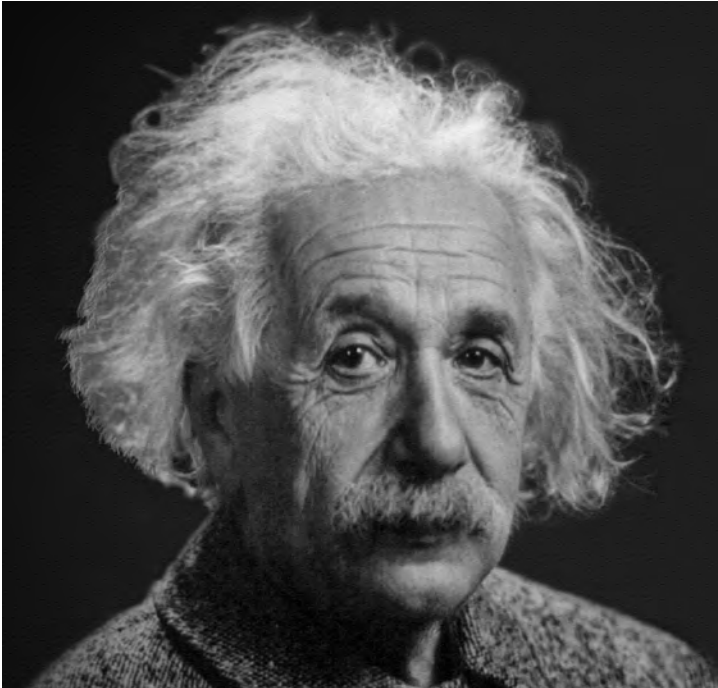
Discoverers of DNA, Doctors James Watson, Francis Crick and Rosalind Franklin.

**MY THANKS TO THE ORIGINATORS OF THE PICTURES, DRAWINGS, GRAPHS AND CHARTS THROUGHOUT THIS HYPOTHESIS. THEY ARE TO BE USED FOR EDUCATIONAL PURPOSES ONLY. USING THEM IS NOT INTENDED TO INFRINGE ON THEIR COPYRIGHTS.**

GOD our creator



Albert Einstein



Isaac Newton



Dr. Max Planck



Dr. James Watson



Dr. Francis Crick



Dr. Rosalind Franklin



J. David Bohlin, PhD



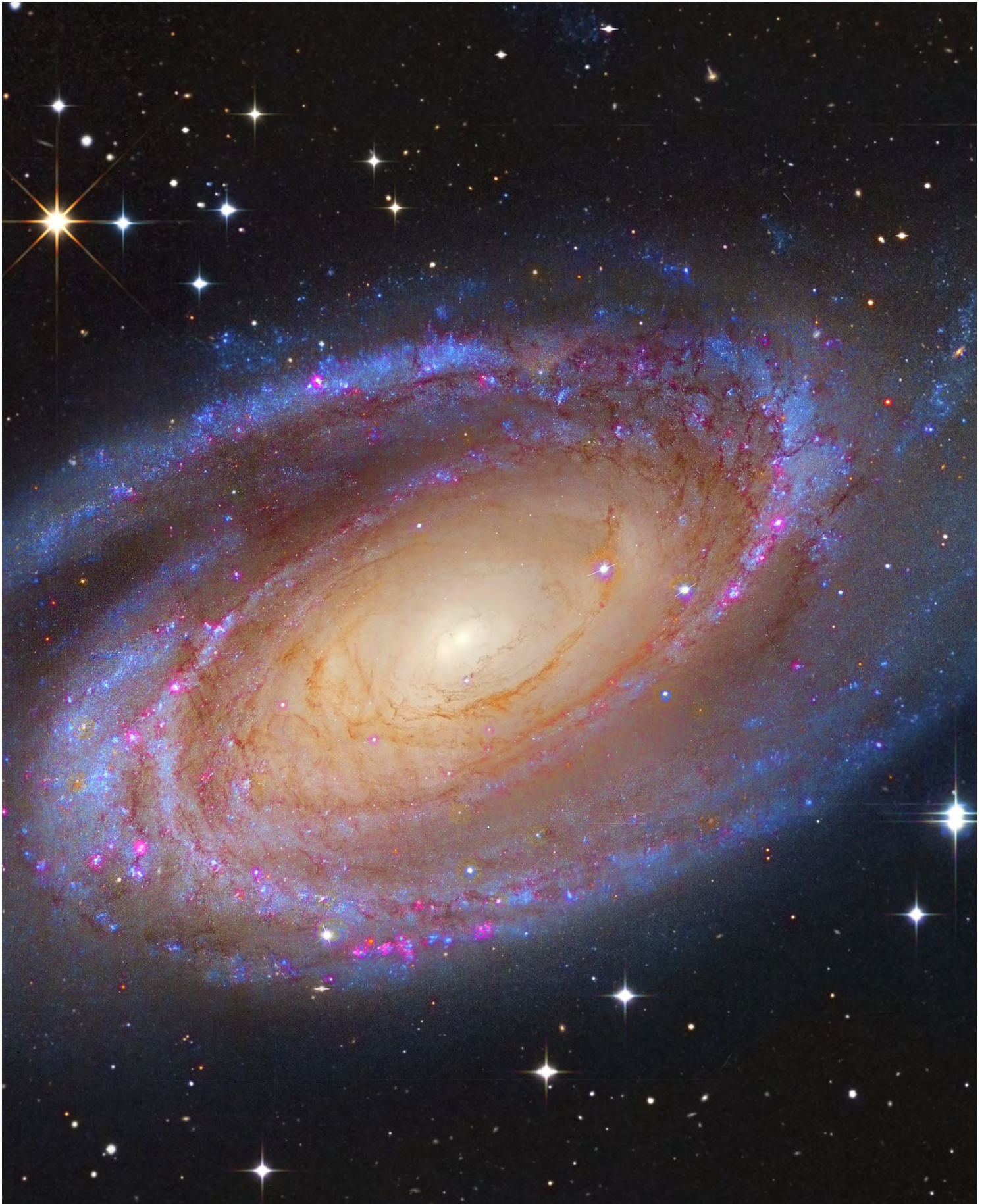
Our Milky Way Galaxy  
Source: National Geographic Society Maps



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Milky Way

Source: Subaru Telescope (NAOJ), Hubble Space Telescope  
Processing & Copyright: Roberto Colombari & Robert Gendler



## PREFACE

This hypothesis, (an unproven theory), was written by myself, a person interested in determining where we came from and what will eventually happen to us. It relates directly to the fundamental principles, accomplishments and proven theories from some of the greatest, respected and eminent scientists that ever lived. It is the gathering and combining of the most prominent of those theories and is intended to go beyond their achievements providing for how and if their findings can work together in a close, collective relationship using advances in today's latest sciences, technologies, to see if it can be determined how life may develop throughout the universe infinitely by using atoms<sup>1, 2, 3</sup> and light curvature to spread the atoms throughout the universe infinitely by perpetual "Big Bangs".

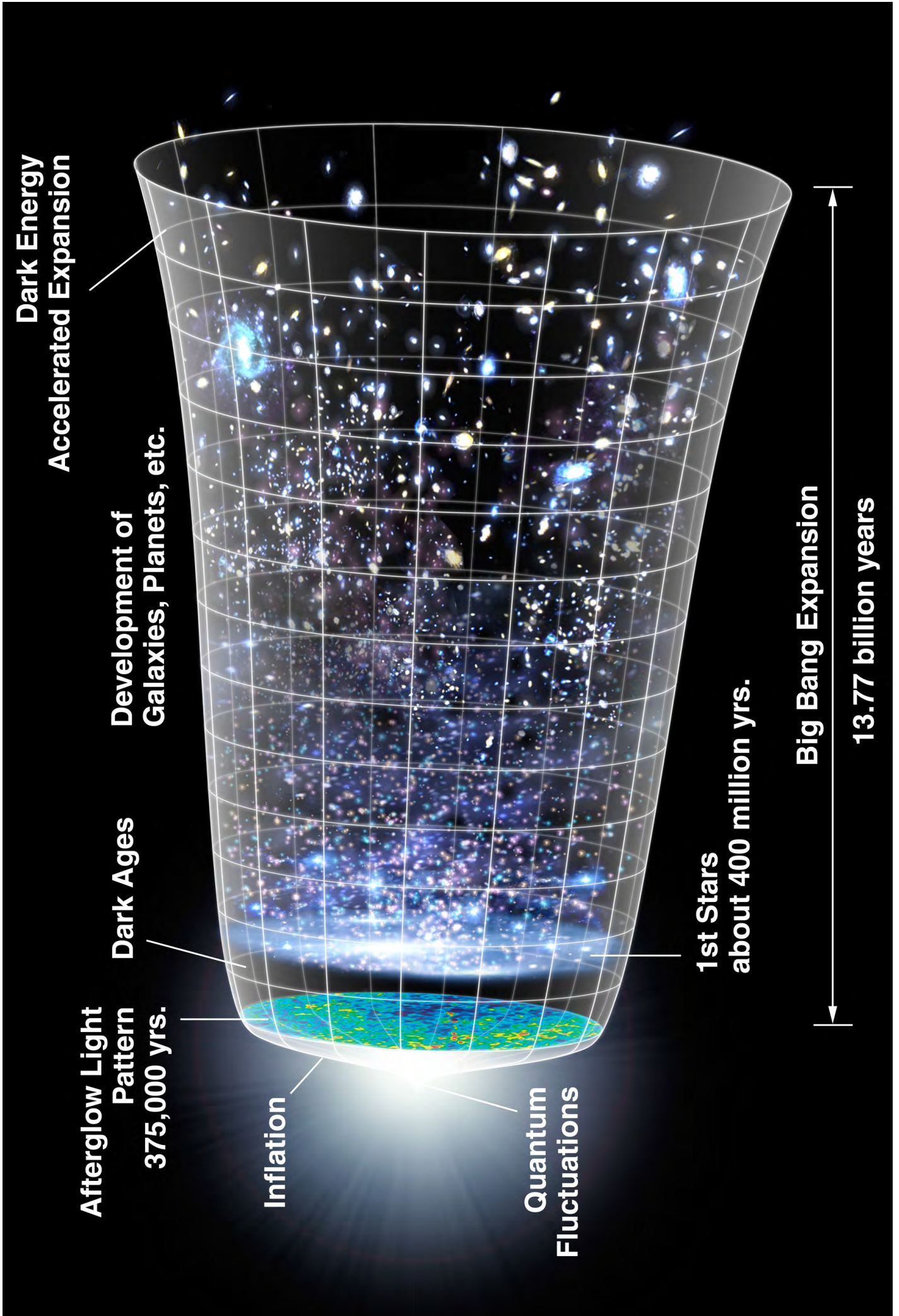
Our Universe did not just "happen". It was **created and designed**. It is composed from atoms. Atoms are the fundamental composition of all life. In common sense terms, this hypothesis conveys to the average person the reason for life and its endless continuation throughout the universe.

We should always look for the truth and define questions of depth regarding the past, present and future of our lives and not become complacent and summarily accept hearsay as fact for what we want and expect with what we hope to get as the correct choice. It directly answers questions of why atoms exist, why they are so small ([see page 9](#)) and why the universe is so big ([see page 21](#)). It explains the purpose of how and the reason for gravity, dark matter, dark energy, electromagnetism, light curvature and the photoelectric effect all work together for the propagation and infinite continuation of life, and helps to define what does infinite continuation of life mean and how can that be possible?

Some parts of this hypothesis are unknown or unproven. Most of the unproven parts will be a challenge to an impossibility to prove, but proving any one of those theories may be a monumental help for times to come.

Scientists of the proven theories that have been used are credited with references for their accomplishments.

Hypothetical display of our universe from birth to present.





## INTRODUCTION

Many of us have pondered the real meanings of our existence, where did we come from, how did life begin, when will it end and what exactly is infinite life? To find the answers to those questions, we must reconcile our minds with the truth as determined by scientific facts, logic, and common sense.

Existence of life and all things known must have a source. According to science, that source is unknown. The source has been predicted to exist **before** the BIG BANG. Scientifically that source is referred to as **Initial singularity**. Referenced from Wikipedia, subject; Initial singularity, dated 26 December 2020 at 23:56 (UTC). The author believes using + - energy opposites mixed (coalesced), resulted in existence of the initial singularity, atoms, as described in the next paragraph.

**BEFORE ANYTHING THERE WAS NOTHING.** Only infinite black voids of unlimited lifeless empty space. It is doubtful if we will ever know exactly when or how we originated. In this hypothesis, it is believed prior to life, **FROM AN UNKNOWN SOURCE, (BELIEVED BY THE AUTHOR TO BE OUR "CREATOR") "SUBLIMINAL ESSENCE OF +POSITIVE AND -NEGATIVE OPPOSITES", (ENERGY OPPOSITES) CAME INTO EXISTENCE, CULMINATED, JOINED, HIGH INTENSITY COALESCED, (MIXED) > [OPPOSITES ATTRACT], TRANSFORMING INTO ATOMS, EACH ATOM HAVING VARYING INHERENT CONTRASTING +POSITIVE AND -NEGATIVE VALUES. THE ATOMS, CONTINUOUSLY COMBINED AND FORMED INTO A HUGE SPHERICAL MASS, WHICH BY THEN HAD WEIGHT, MASS, AND GRAVITY, EXPLODES FROM ITS OWN WEIGHT, (IMPLOSION). "THAT" EXPLOSION WAS THE FIRST "BIG BANG" IN OUR UNIVERSE. HYPOTHETICALLY, ENERGY OPPOSITES WERE TRILLIONS OF TIMES SMALLER THAN ONE NEUTRINO, (ONE NEUTRINO IS A BILLION TIMES SMALLER THAN ONE ATOM).** See [page 10](#). Initially (after the first "BIG BANG"), atoms were the natural reason (catalyst) for causing consecutive "BIG BANGS" because residual remnants from particles traveling forward from the first "BIG BANG" to the second "BIG BANG" provide an equal and opposite path for particles returning to their origins, [more on next page](#). "BIG BANGS" will follow geodesics curvature in our near empty universe after the first "BIG BANG" and all the succeeding "BIG BANGS" that come afterwards. See reference from Wikipedia, subject ;General Relativity, dated 4 February 2022 02:09. For related information refer to [page 16](#). The spherical mass continues to grow from its ever increasing supply of atoms, growing into an even larger spherical mass, exceeding its own maximum spherical weight boundaries and explodes.

Hubble Deep Field  
Source: NASA, the Hubble Heritage Team (AURA/STScI) and ESA



## INTRODUCTION (CONTINUED)

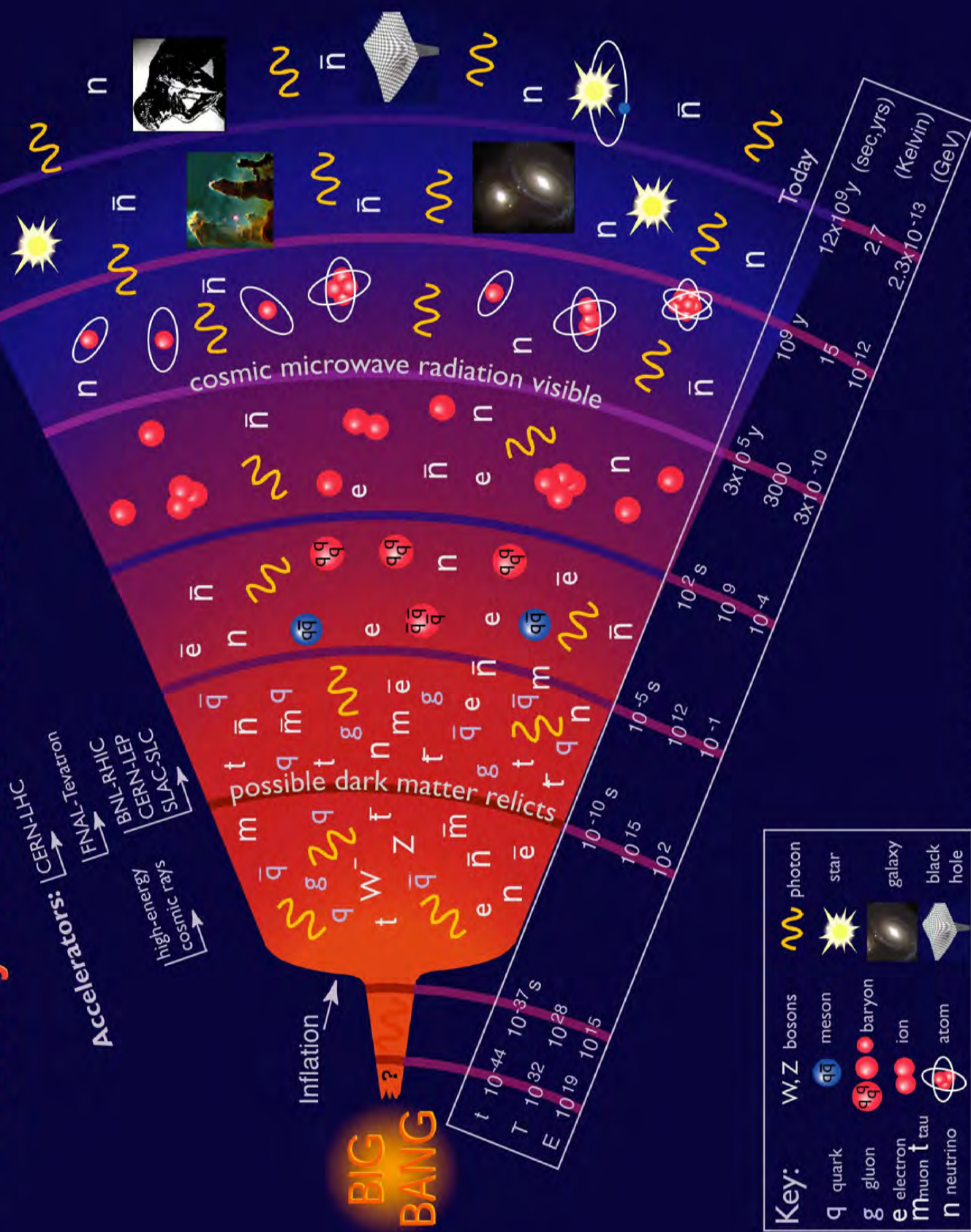
The explosion releases the atoms into the empty universe, bound to return to their equal and opposite action starting points.<sup>57</sup> That is only the beginning of infinite consecutive “Big Bangs” relying on Isaac Newton’s third law of motion (**for every action there is an equal and opposite reaction**).<sup>57</sup> (See more on Isaac Newton next page), Isaac Newton’s contributions to cosmological science, Big Bangs, and infinite life are overwhelming. Substances returning from the first “BIG BANG” back to their origins are not automatic, they needed a push, a jump start. In accordance with Isaac Newton’s laws of motion). After the first “BIG BANG” those substances will return and follow the curving gravitational field/path from that first “BIG BANG” following their path, returning to their origins which will give rise to make future “BIG BANGS” possible, aiding those cycles for consecutive infinite “BIG BANGS”.

**Atoms coming from all directions forming into a huge spherical mass which by then has weight, mass, and gravity. Atoms are believed to be the fundamental basis for all life. Life is always + positive and -negative is always absence of positive, they are (“without exception”... opposites). After returning from their curvilinear journeys, they gather and eventually propagate into life according to their environmental conditions.**

How can life be infinite? Life and survival are very strong. In humans that desire is even stronger and is guided by hope and camaraderie in faith in the belief that even after death new and better life will continue without ending. Through many misconceptions and beliefs have appeared. Taking into consideration that life comes from atoms that continues life infinitely through a series of endless “Big Bangs”. We must come to understand that without atoms nothing would exist.

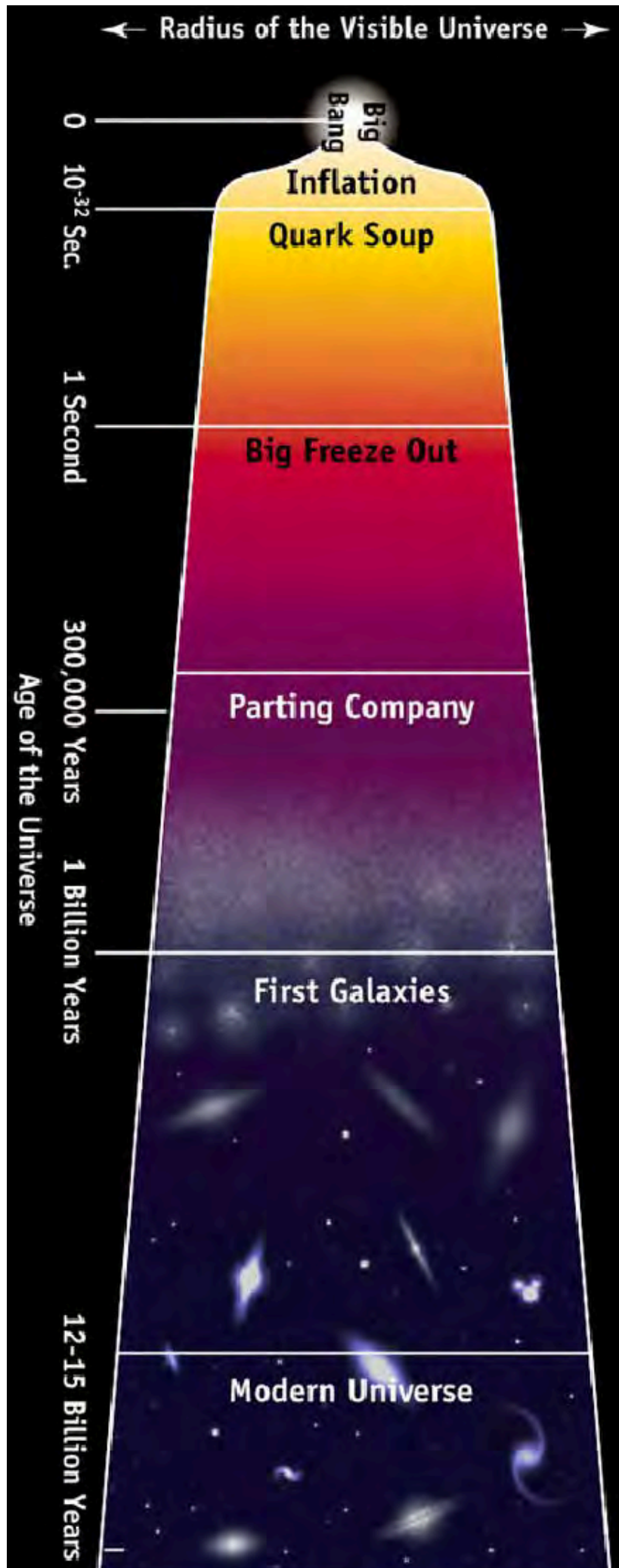
The answers to the of infinite life are **VERY** different than what was previously believed. Answers to questions of infinite life can be found by studying the following pages about the accomplishments and proven theories of recent and past scientists. This is a learning process and is a big change from past and present beliefs. Infinite recurring “Big Bangs”, are essential for continuing life infinitely. They are a continuously perfectly timed chain of events that because of “BIG BANGS” dismantling changes in temperatures and time naturally interacting together with fundamental particles recombine, eventually transforming into life.

# History of the Universe



## INTRODUCTION (CONTINUED)

All of the necessary requirements that help life to be created and continue infinitely are functioning perfectly. They are: Atoms, ([Atoms – Cells – Conscious](#)), Gravity, ([Gravity](#)), Light, ([Light](#)), Curvature of Light, ([Curvature of Light](#)), Time, ([Present](#)), Space- (interspersed throughout), Electromagnetism- (interspersed throughout), Dark Matter/Dark Energy, (though unproven are thought to have great importance.) ([Dark Matter/Dark Energy](#)), Photoelectric effect (“[Big Bangs](#)”) and the catalyst for them all, the “Big Bang”, (“[Big Bangs](#)”). They are all part of a “Grand Formula” that works exactly as designed. “Big Bangs” are a complete collection of every atom and Light Photon of everything that ever existed from the entire universe drawn together by gravitational attraction, the photoelectric effect and the phenomena of Light Curvature, Gravity (Light Photons and Atoms returning to their origins) ([Curvature of Light](#)) forming a huge Spherical Mass that over a period of extensive time great quantities of incoming atoms, Photons, and space Debris becomes so heavy onto itself, that it implodes, creating a gigantic explosion. The explosion ejects all atoms and photons into empty space. It is a “Big Bang”, (“[Big Bangs](#)”). The great quantity of Atoms and light Photons speeding away from the pressure/force of the explosion and the light photons own speed.. parallel speeding (side by side) cause some of the Atoms and Photons to become attracted to each other by Electromagnetism, resulting in clustering. The Cluster may develop into a small but constantly growing Spherical Mass from Light Photons and Atoms (returning to their origins), smaller clusters and spherical masses. Simultaneously, traveling into the farther reaches of outer space in our rapidly expanding universe are other parallel speeding light photons and atoms, some moving singularly and others clustering into larger curvature of light spherical masses – all curving according to Isaac Newton’s third law of motion (for every action, there is an equal and opposite reaction<sup>57</sup>), returning to their origin and one giant spherical mass.





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**INTRODUCTION (CONTINUED)**

When the Spherical Mass become a gigantic size and can no longer contain itself, it explodes, once again eventually creating Life. As the author of this hypothesis I want the reader to realize that **LIFE** itself is positively without exception an assimilation of love and that it exists infinitely and why it exists infinitely and how it exists infinitely are some of the many reasons for this hypothesis.

These opinions expanded on in the following pages are a new approach in the puzzling and ceaseless search to find answers to why and how life exists infinitely.



Unlocking the Secrets of the Universe and Infinite Life Revised

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Earth and Moon from space





## PRESENT TIME

The large number of stars and planets visible on a clear night represent only a small fraction that exist but are too far away to be seen or accurately estimated. Energy from the sun is sufficient to support the earth. For what reason then for more than 2 billion stars in our Milky Way Galaxy<sup>4</sup> and the 100 billion or more other galaxies<sup>5</sup> in our universe? New stars and planets are constantly being formed by star nurseries.<sup>6</sup> Previous research indicated our universe was expanding.<sup>7</sup> Every star, planet and atom, and all types of energy throughout the universe are necessary and have great importance and purpose. Literally so does empty space.

In outer space, density and mass are simultaneously relative to each other but are functionally opposites. The Author reasons because of the interaction (**Positive Force**) from dark matter/dark energy with higher density mass of interstellar objects, interaction (**negative attraction**) affects high density the large mass of interstellar objects but dark matter/dark energy has low effect on low density or interstellar objects such as gaseous planets. **SEE PAGES 21, 22 & 23** Time is critical and extremely important in every issue of life in our universe. **I propose the definition of time equals a particular distance light Photons travel at the speed of 186,000 miles per second within the presently known universe. Time on earth is controlled by the speed of rotation of the earth on its axis as it circles the sun. Generally, time equals speed and distance to a point. Individually time is relative to the needs of each person, place, or thing. Ultimately, the speed of the expanding universe controls time between BIG BANGS.** For additional information see [page # 31 – life renewal \(continued\)](#).



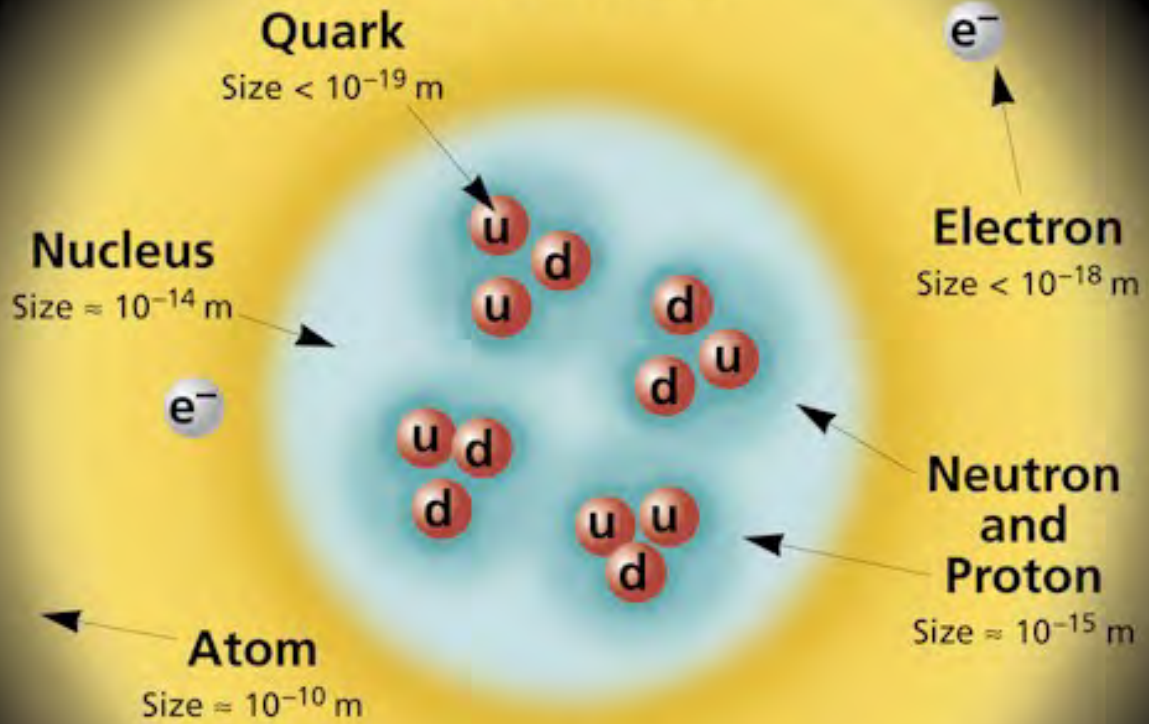
## ATOMS – LIFE – MOLECULES - “BIG BANGS”

Atoms store energy.<sup>7A</sup> They are extremely small. Atoms were not invented, it is hypothesized they were created, [please see page 4](#). It takes 300,000 atoms to make the thickness of an average human hair.<sup>58</sup> Each of part of the atom's composing parts are even smaller. Atoms were designed to be small for a specific purpose. Size must be relative to necessity and reason. The author theorizes one reason the Atoms are so small is to allow one photon (yellow) to push an atom (red), as depicted on the cover page. Outer space being weightless it is hypothesized by the author atoms can be pushed by the photon on its curvilinear journey through the universe.

For more information on this subject see lower paragraph, [on PAGE 26](#). Everything that we know of, animate and inanimate, including ourselves, our universe, earth, the water, soil, metal, air, plants, and the food we eat are made from atoms. Atoms are the basic building blocks of chemistry.<sup>7B</sup> Without atoms it would be impossible for life, time, or anything to exist. Because of atoms "Big Bangs" exists. "Big Bangs" provide life throughout our universe for unlimited billions, even trillions of years or infinitely, [please see page 22](#). Not all atoms are the same. Different types of atoms combine together to make different type molecules.<sup>7C</sup> Molecules communicate.<sup>7D</sup> Atoms cannot be destroyed. They can be dismantled and rearranged.<sup>7E</sup> Atoms are the foundation of existence. The author theorizes they are the fundamental basis for all types of life throughout our universe. Atoms were hypothesized to exist by ancient Greece in the 5th Century B.C. by philosophers Leucippus and Democritus.<sup>8</sup> Their theory was more philosophizing than experimenting. Their interpretation was that when matter could no longer be divided into smaller pieces, accurately explained the idea of an atom. They named it atomos, meaning uncuttable or indivisible. Later the leading scientist and philosopher Aristotle rejected the theory calling it rubbish.<sup>9</sup> Other scientists continued studying the theory, but with no progress. In 1808 the atomic theory advanced greatly with John Dalton.<sup>10</sup> He introduced atomic theory into chemistry.

# The "Mighty Atom"

## Structure within the Atom



If the protons and neutrons in this picture were 10 cm across, then the quarks and electrons would be less than 0.1 mm in size and the entire atom would be about 10 km across.

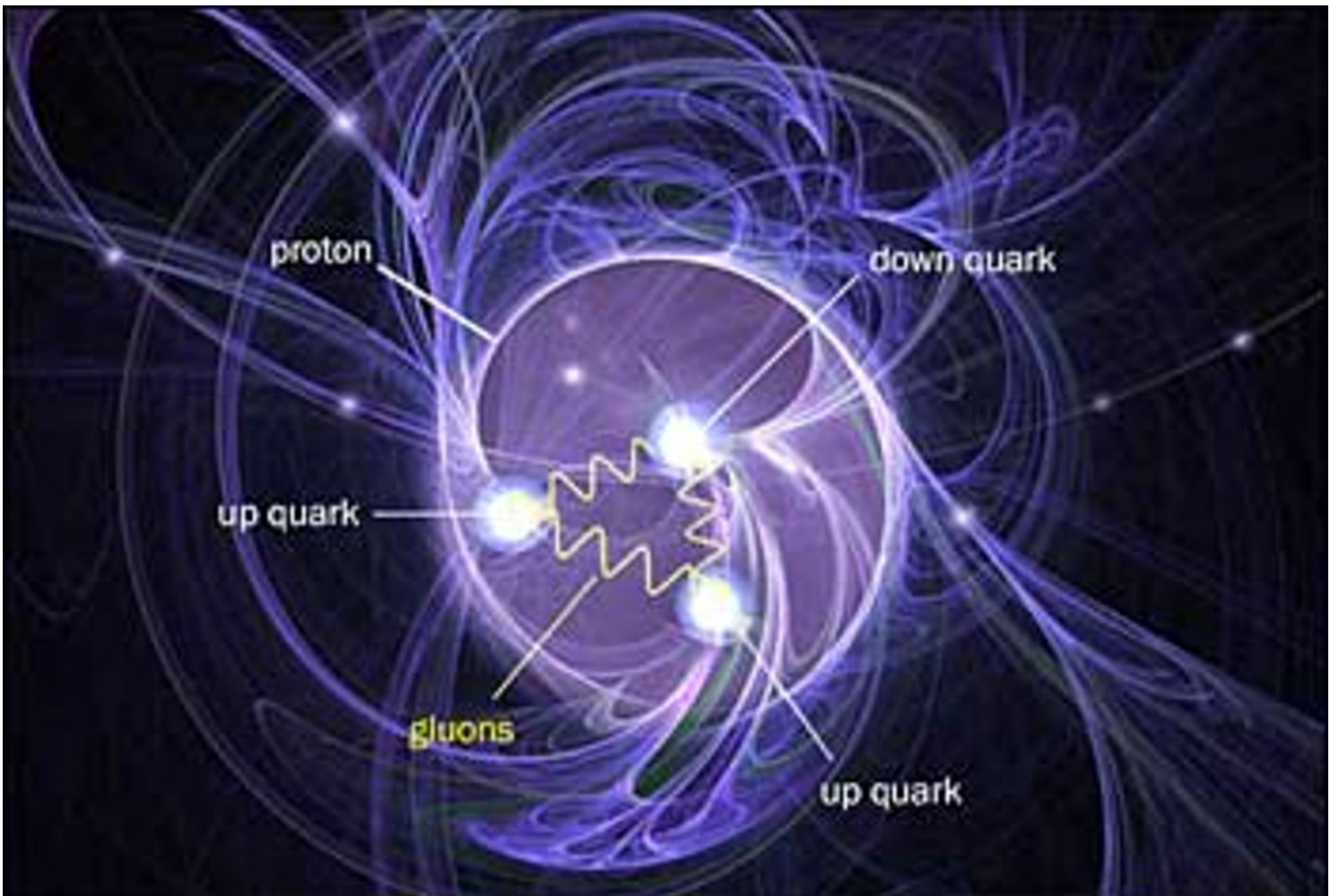
## ATOMS – SUBATOMIC PARTICLES – QUARKS – NEUTRINOS

Different types of Atoms are composed of between 150-200 subatomic particles.<sup>11</sup> The three (3) basic ones are electrons, protons, and neutrons. Subatomic particles within an atom are confined and held together by a strong nuclear force called gluons. Each subatomic particle has one (1) or more of six (6) different constituents named quarks.<sup>12</sup> The quarks are named flavors. Names of the flavors are: strange, charm, up, down, top and bottom.

Quarks were discovered in 1964 by DR. Murray Gell-Mann and DR. George Zweig, ( both working independently of each other ). Quarks have a positive and negative charge.<sup>12a</sup> The author of this hypothesis believes that because quarks have a + positive charge, their resonance is transferred to neutrinos. Neutrinos were first postulated by Dr. Wolfgang Pauli in 1930 but were not discovered until 1962 by Doctors Leon M. Lederman and Jack Steinberger.<sup>12b</sup> Neutrinos have Mass but they do not have a charge. They are the smallest particle in the universe that has mass. Referenced from Wikipedia, subject; Neutrino, dated 2 December 2021 at 01:23 (UTC). It is believed by the author that because Neutrinos have only a very small mass, they may have only a small charge as well, presently their charge is so small it can not be scientifically detected. Neutrinos came in existence one second after the “Big Bang” and are continuously being produced by nuclear reactions, nuclear bomb explosions, stars (including our sun) particle accelerators and supernovas. Neutrinos are a subatomic particle but they are not a part of the atom. Referenced from Scientific American, September 7th 1999. Scientists have devised ways to detect, measure and count neutrinos. Referenced from Wikipedia; Subject; Neutrino detector, dated 12 October 2021 at 18:05 (UTC). Neutrinos outnumber atoms by one billion to one. Referenced from science documentary<sup>12d</sup>, [NOVA | Particles || 12 | pbs.org/10/06/21](https://www.pbs.org/10/06/21).<sup>12e</sup>



Subatomic Particle & Quarks. *Image courtesy: Brookhaven National Laboratory*



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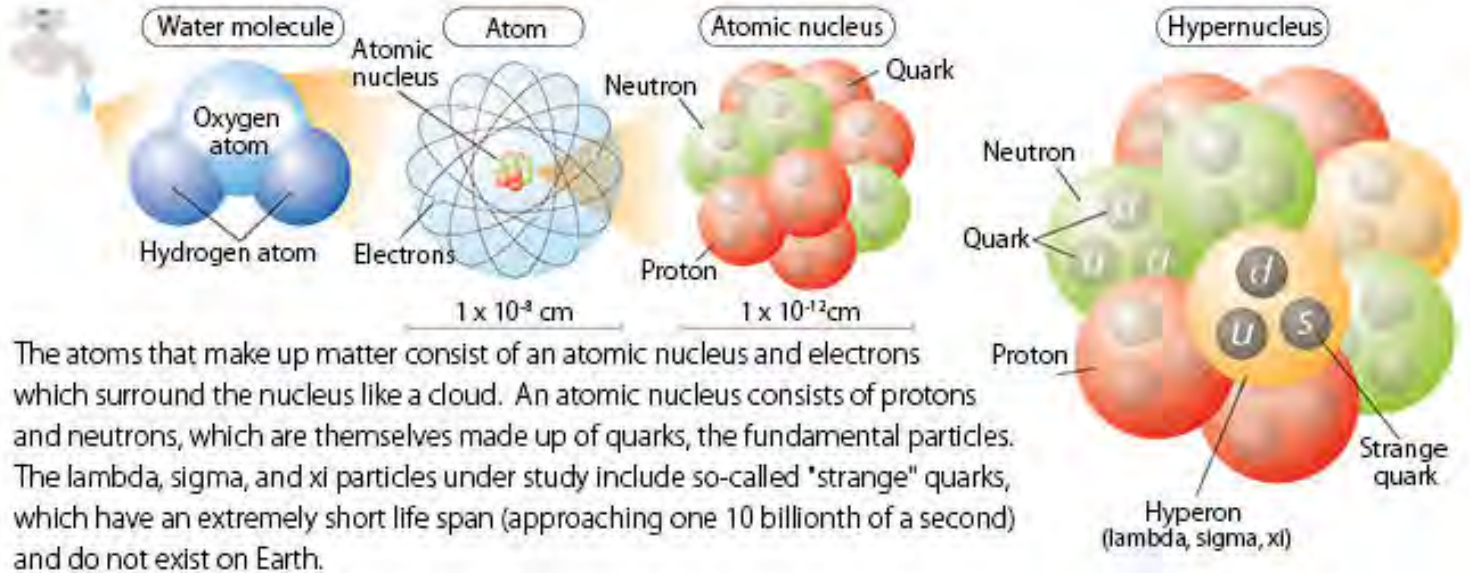
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**ATOMS – SUBATOMIC PARTICLES – QUARKS – NEUTRINOS (CONTINUED)**

Even though Neutrinos may not have a charge, their greatest strength is their incredibly large numbers. Referenced from <https://www.smithsonianmag.com/science-nature/looking-for-neutrinos-natures-ghost-particles-64200742/> .They pass through bodies ,at a rate of 100 trillion every second traveling faster than the speed of light, yet because they are so small we never notice. Reference from <https://www.space.com/38874-ghostly-cosmic-neutrinos-stopped-by-earth.html>. Neutrinos affect our lives. It is believed by the author neutrinos interacting and resonating with quarks within our bodies, which in turn because of their overwhelming numbers may absorb a +positive charge from the quarks to the neutrinos, reacting at the discretion of those particular neutrinos supplementing as necessity dictates, all together govern our conscience, psychological direction, clarity of judgment and empathy controlling our lives. Reactions between Quarks and Neutrino help our well being in numerous subtle ways. Because of quarks and Neutrinos our lives are happier and healthier. <sup>12e</sup>

Some things that exist in outer space but not on earth. *Courtesy gifu-u.ac.jp.*



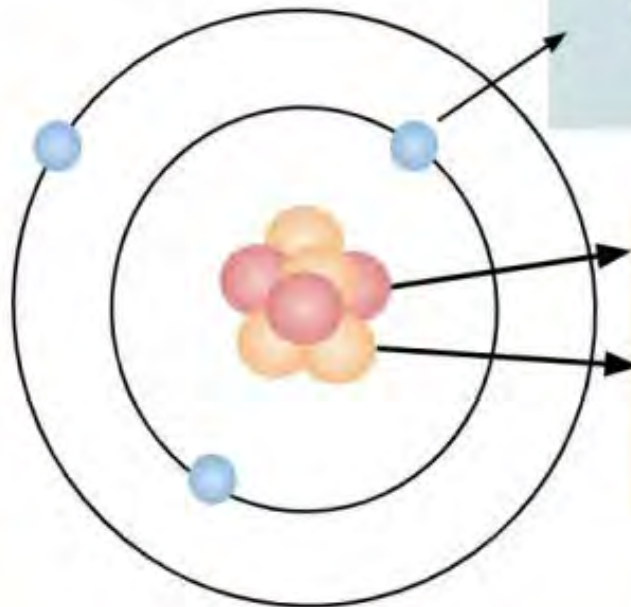
The atoms that make up matter consist of an atomic nucleus and electrons which surround the nucleus like a cloud. An atomic nucleus consists of protons and neutrons, which are themselves made up of quarks, the fundamental particles. The lambda, sigma, and xi particles under study include so-called "strange" quarks, which have an extremely short life span (approaching one 10 billionth of a second) and do not exist on Earth.

*Image courtesy: dewwool.com*

DewWool

**Electron (Example of a charged lepton)**

**Atomic structure of a lithium atom**



**Proton and neutrons are composed of quarks**

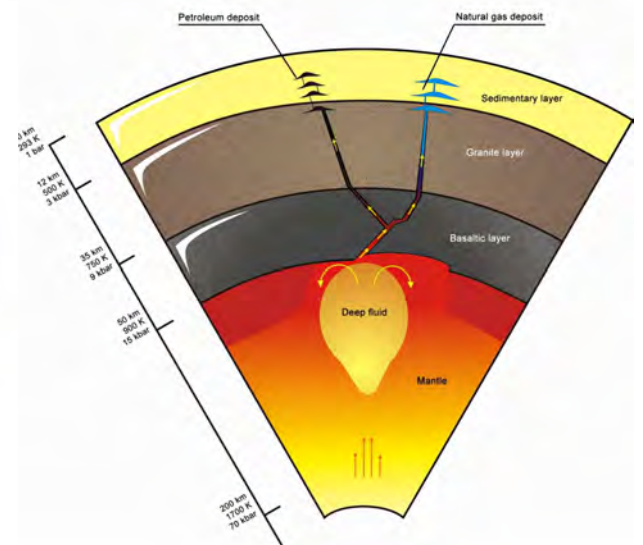
**Leptons and Quarks**



**ATOMS – SUBATOMIC PARTICLES – QUARKS – NEUTRINOS (CONTINUED)**

The author reasons neutrinos, because of their extremely small mass react subtly, positively or negatively with life differing forms as necessary to maintain a positive balance. Varying opinions between scientific researchers are inconclusive. Further research is needed to determine their findings about how to correlate the relationship between quarks, neutrinos and their affect on life in our universe. **This hypothesis is based on proven accomplishments of scientist listed on page # 1. It is integrated with the latest discoveries in astrophysics and cosmology, all in the pursuit of how life began and its infinite continuation.** At least 118 different type atoms are known to exist <sup>14</sup>. The three basic fundamental subatomic particles that make atoms are electrons, protons & neutrons <https://www.nrc.gov/reading-rm/basic-ref/students/science101.html>. More than 200 lesser subatomic particles exist <https://www.britannica.com/browse/Matter-Energy> With various formula combinations of basic fundamental subatomic particles and the lesser subatomic particles, 177,000,000 organic and inorganic substances exist. Referenced from Wikipedia. Subject; Chemical substances Dated 6 June 2022, at 13:38 (UTC). It takes at least two types of atoms to make one molecule, i.e. water (H<sub>2</sub>O). <sup>13b</sup> By using various combinations of molecular formulas from only 100 different kinds of atoms (and 150-200 subatomic particles, <sup>11</sup>.) more than 12,000,000 substances exist. <sup>14</sup> Any substance composed entirely of one type atom is an element, illustrated example; gold, lead, silver. By 1932 science and technology was advanced to the point where high energy could be developed safely by splitting the atom through controlled nuclear disintegration; fission, (dirty energy). Later (1945), using that similar technique of splitting the atom to make the atomic bomb was devised and helped end World War II. Scientists are now working on developing a clean unlimited energy source by harnessing the atom by creating nuclear fusion. <sup>15,15a</sup> Research about the atom, its composition, and uses, never stop. Successful results in an unlimited energy supply could lower our planet's pollution, elevate our health standards, extend our life span and raise our quality of life. Everything in our huge universe depends on the tiny atom.

# ABIOTIC GENESIS



Effects of + positive and - negative attraction

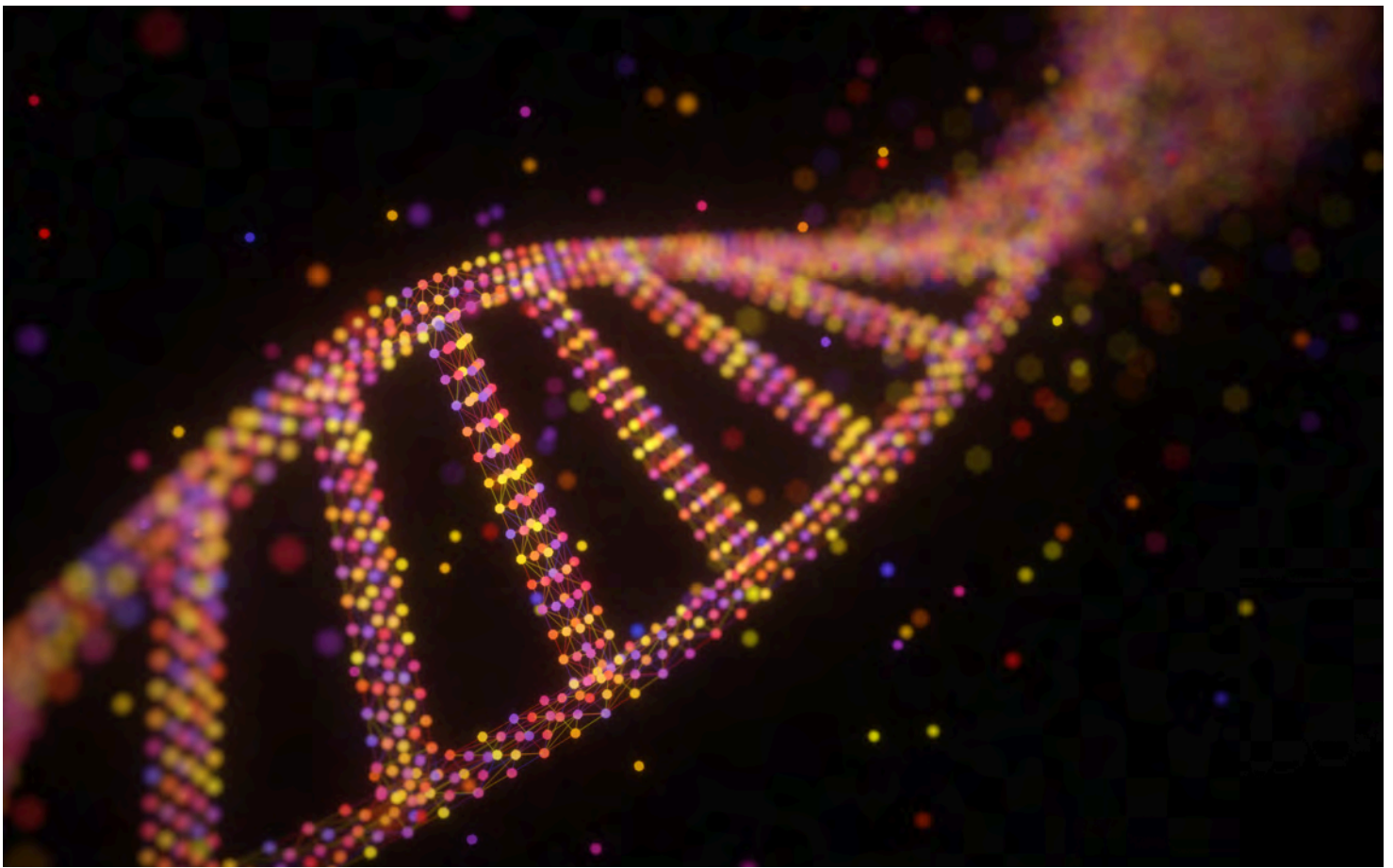


## LIFE

ORIGIN OF LIFE IS EXTREMELY COMPLICATED. LIFE COME FROM MOLECULES, (MOLECULES COME FROM ATOMS (see - mid page #12). IN BIOLOGY ABIOGENESIS IS THE NATURAL PROCESS FROM WHICH LIFE HAS COME FROM NON LIVING MATTER SUCH AS SIMPLE ORGANIC COMPOUNDS. DETAILS REMAIN UNKNOWN. EVEN WITH THE WORLDS BEST INTENSELY DEDICATED RESEARCH SCIENTIST, USING THE LATEST TECHNOLOGIES AND FACILITIES HAVE NOT BEEN ABLE TO DETERMINE HOW LIFE DEVELOPS. IT IS NOT A SINGLE EVENT BUT AN EVOLUTIONARY EXTREMELY COMPLEX PROCESS INVOLVING SELF-APPLICATION, SELF ASSEMBLY, AUTOCATALYSIS AND EMERGING CELL MEMBRANES / FOR MORE DETAILS PLEASE REFER TO WIKIPEDIA, SUBJECT; Abiogenesis date 28 February 2022, at 14:47 (UTC).

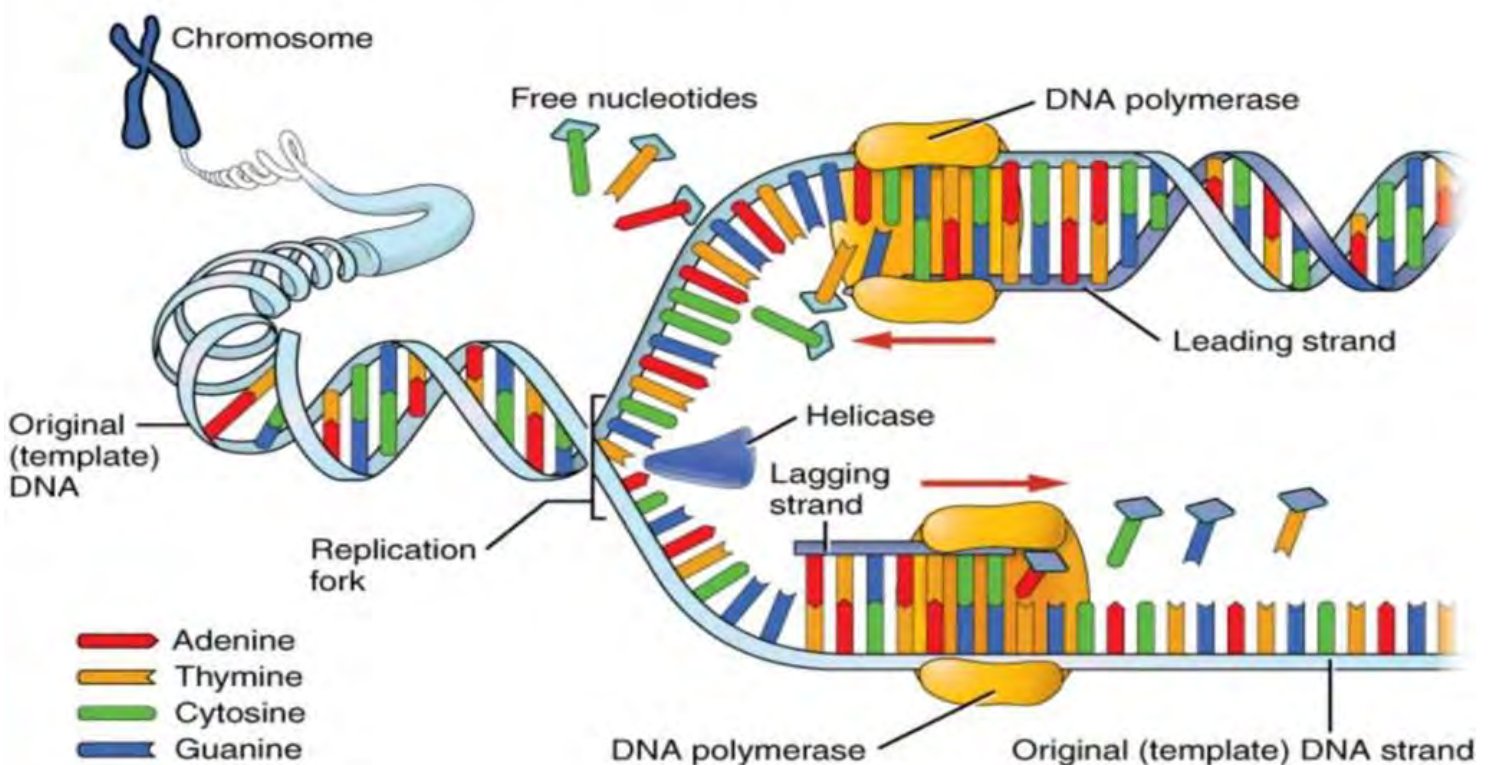
FOR FURTHER INFORMATION “CLICK” ON TO THE FOLLOWING WEBSITES:

- <https://en.wikipedia.org/wiki/abiogenesis>
- <https://en.wikipedia.org/wiki/self-replication>
- <https://en.wikipedia.org/wiki/Autocatalysis>
- [https://en.wikipedia.org/wiki/Molecular\\_self-assembly](https://en.wikipedia.org/wiki/Molecular_self-assembly)
- [https://en.wikipedia/wiki/Cell\\_membrane](https://en.wikipedia/wiki/Cell_membrane)
- <https://en.wikipedia.org/wiki/DNA>



DNA and its replication.

When does DNA replication occur in a eukaryotic cell?



## DNA

Because we are using our intelligence, inquisitiveness, tenacity and the drive to solve questions of the origin of life, we will always put forth every effort it takes to find it. Scientists continuously examine and closely decipher every detail of anything that may have a clue to find the answer to our beginnings. In 1868-69 Dr. Johann Miescher, a Swiss biologist, working in a laboratory in Germany isolated a substance from the pus of hospital bandages.<sup>20</sup> The substance came from the cell's nuclei – he named it nuclein. He did not know what it was or if it was important. After further research its function remained unknown. In 1943 Dr. Erwin Schrodinger believed there was a connection in some type of pattern or code script within nuclein but because he was a theoretical physicist had to depend on the findings of other scientists for the answers. Dr. Schrodinger authored two (2) books, “What is Life?”<sup>21</sup> written in 1944, and “Chemical Bonds”<sup>22</sup> written in 1950. The books, because of his stature as a prominent scientist and the books' relevancy to science, stimulated fellow scientists, positively inspiring their performances. In 1953 Dr. James Watson,<sup>23</sup> Dr. Francis Crick<sup>24</sup> with the help of Dr. Rosalind Franklin<sup>25</sup> found the answer to the connections. It was isolated from a molecule of Calf's thymus. It was nuclein, the similar substance discovered by Dr. Miescher in 1868-69. From it they had discovered the genetic secret of all of life. It was absolutely one of the greatest discoveries in all of science. The name was later changed from nuclein to Deoxyribonucleic Acid<sup>26</sup> to DNA. DNA increasingly continues to help man in countless ways in life, health and well being. Its everyday benefits and applications are endless. Atoms are the building blocks for DNA.<sup>27</sup> DNA is the genetic blueprint and building block for **all Life** – both plants and animals. It is believed that life comes into existence according to environment, necessity, and ability to survive. The DNA for both plants and animals are made from only four (4) different DNA chemical blocks called nucleotides.

QG  
QUALITYGURUS

QUALITY CONSCIENCE

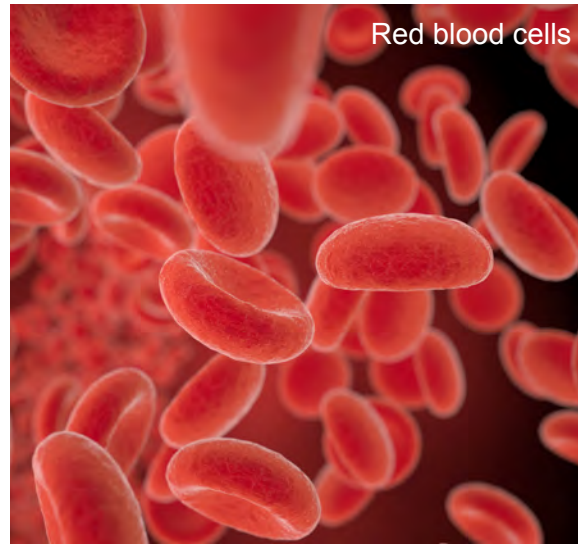
RESPECT

ETHICS

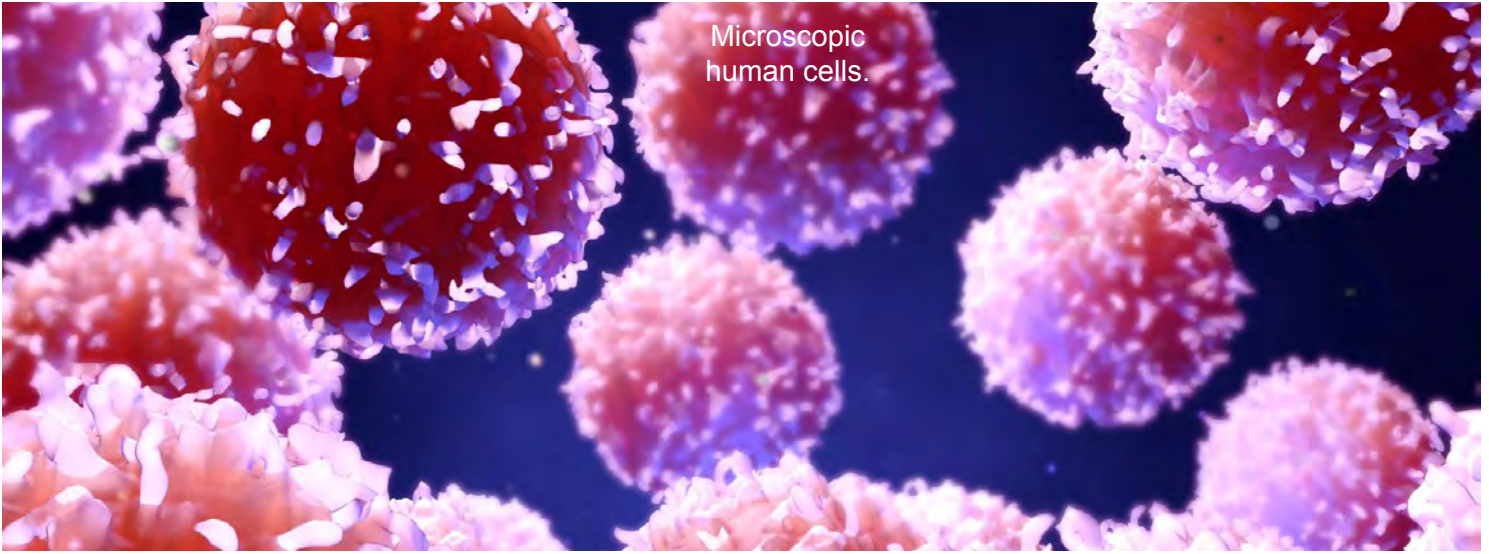
DOING THE RIGHT THING

SECURITY

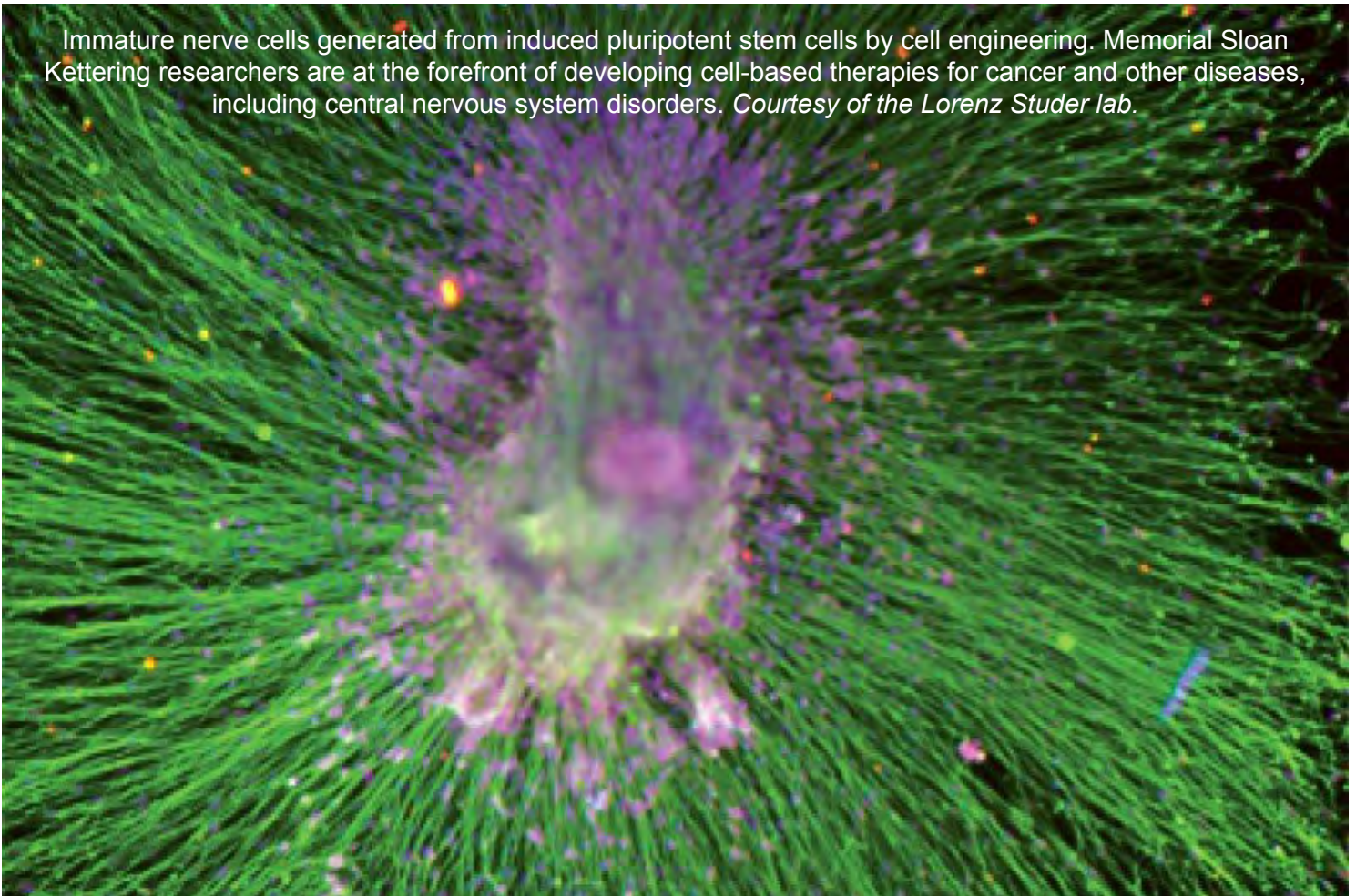
Red blood cells



Microscopic  
human cells.



Immature nerve cells generated from induced pluripotent stem cells by cell engineering. Memorial Sloan Kettering researchers are at the forefront of developing cell-based therapies for cancer and other diseases, including central nervous system disorders. *Courtesy of the Lorenz Studer lab.*



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DNA-CELLS-GENES-CONSCIENCE- CONSCIOUS

Their arrangement determines whether the end result will be plant or animal.<sup>27A,</sup>  
<sup>27B</sup> All types of life, both plant and animals, can communicate and they have conscience and are conscious of their surroundings. They use them for survival and propagation of life. Animals have intelligence, and intrinsic + positive and -negative of empathy, tolerant differences of understanding between right and wrong for their survival. The author hypothesizes Plants cells communicate by governing their cellular activities according to their environmental nutritional availability and survival and coordinate against invasion with other plants and insects in their proximity. To survive plants, must be conscious of nutritional availability permitting them to survive so they can support animal life. DNA is the largest known molecule.<sup>28</sup> It is shaped like a twisted spiral strand type ladder called a double helix. DNA is found inside the nucleus of a cell. The DNA is wound very tightly to prevent loss or mutation of genes. Our body has more than 10 Trillion cells.<sup>29</sup> Each cell has 40,000 different genes.<sup>30</sup> Genes denote our eye and hair color and all characteristics of every living animal and type of structure of all plants. Cells communicate by governing basic cellular activates and coordinating cell actions<sup>7D 30</sup>.

**Recent revelations have identified a substance (Pyrophosphite) found in iron meteorite may provide a source of energy to positively react as a catalyst with DNA to begin the development of life.**<sup>31</sup> **Continuing studies are underway. It is believed pyrophosphite is abundant in the universe.**

Some common types of light reactions.

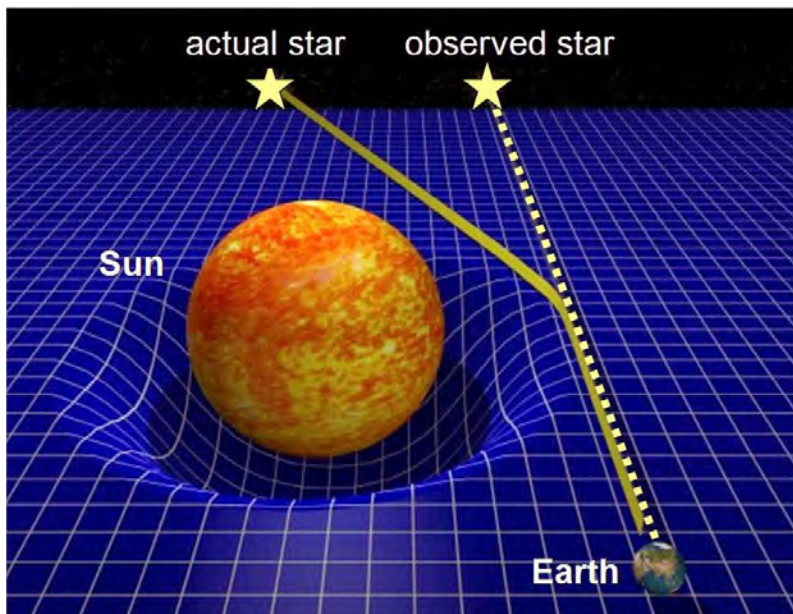




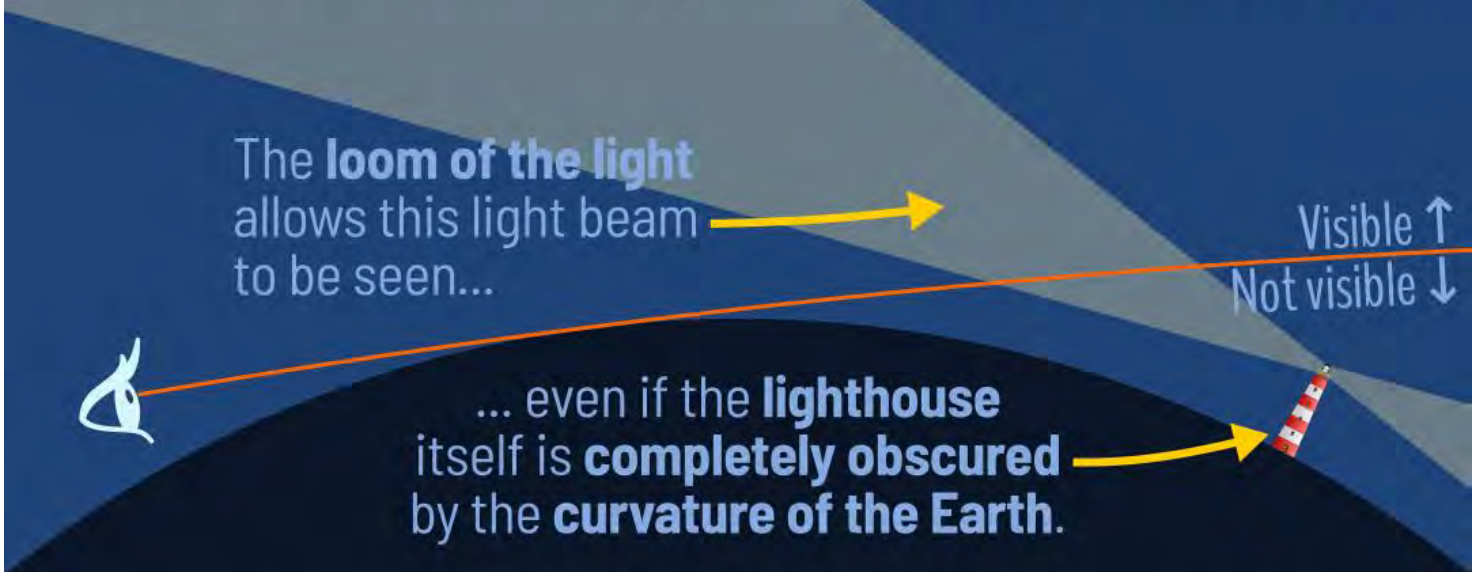
## LIGHT

Light has been studied by leading scientists since Newton's investigation of it in 1672. Light usually refers to visible light.<sup>31A</sup> Light comes atoms in the form of discrete energy packets called Photons.<sup>31C</sup> They are responsible for the sensation of our sight.<sup>31A</sup> It is a part of electromagnetic radiation that can be seen by our eyes.<sup>31A, 31B</sup> Light from ordinary sources (fire) is emitted by atoms.<sup>36A</sup> Light acts like both a fundamental particle and an electromagnetic wave.<sup>33</sup> They are Gauge bosons, force carriers using discrete bundles of energy (quanta) from photons. See reference <sup>31c</sup>, from Wikipedia; subject: Gauge boson, dated 22 January 2020 at 14:07 (UTC), also, (see page 30 and 39). The quantum theory based on Max Planck's radiation law is discrete amount of energy is released by an oscillating Atom as a photon or quantum. The atom itself does not oscillate. Being a part of the electromagnetic force (bosons), frequency of the photon's mediating subatomic particles are the oscillating measurements. Author, also see Wikipedia, subject; Atom, dated February 19, 2022, at 10:27 (UTC). The energy of the quantum is equal to the product of the frequency of the radiation.<sup>34</sup> Further hypothesized, Intense mediating between discrete bundles or "quanta" of subatomic particles creating the electromagnetic force (bosons) to propel light photons. For more information see <https://www.symmetrymagazine.org/article/july-2013/force-carriers>. In 1905 Albert Einstein explained how the photoelectric effect works for the transmission of light by using the discrete energy packets or quanta.<sup>35</sup> Light is still not fully understood.<sup>32</sup>

Light travels in a straight line. Gravity causes light to curve.<sup>38</sup> In the **known** universe light travels a speed of 186,000 miles per second.<sup>36</sup>



**Lighthouses** are equipped with **powerful lights**. In a dark night, even if the entire structure is obscured by **Earth's curvature**, the phenomenon of the **loom of the light** allows their lights to be **visible beyond the horizon**; not unlike how the **beam of a green laser** is visible to our eyes.



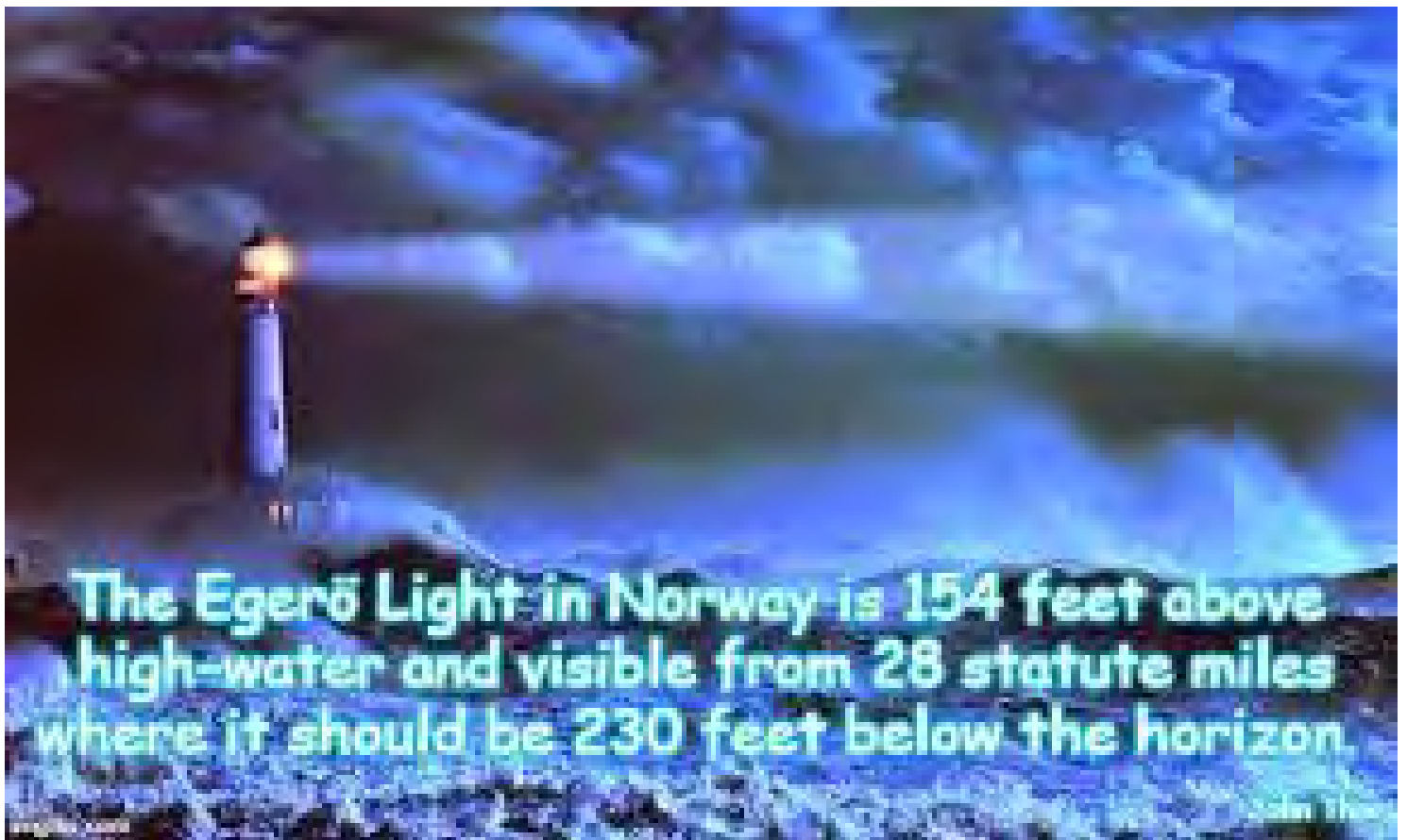
Flat-Earthers like to point out the cases where the light from a **lighthouse** is visible even if it should be completely obscured by **Earth's curvature**; claiming it 'proves' Earth is flat. They are wrong. The **loom of the light** lets us see the light even when the lighthouse itself is below the horizon.



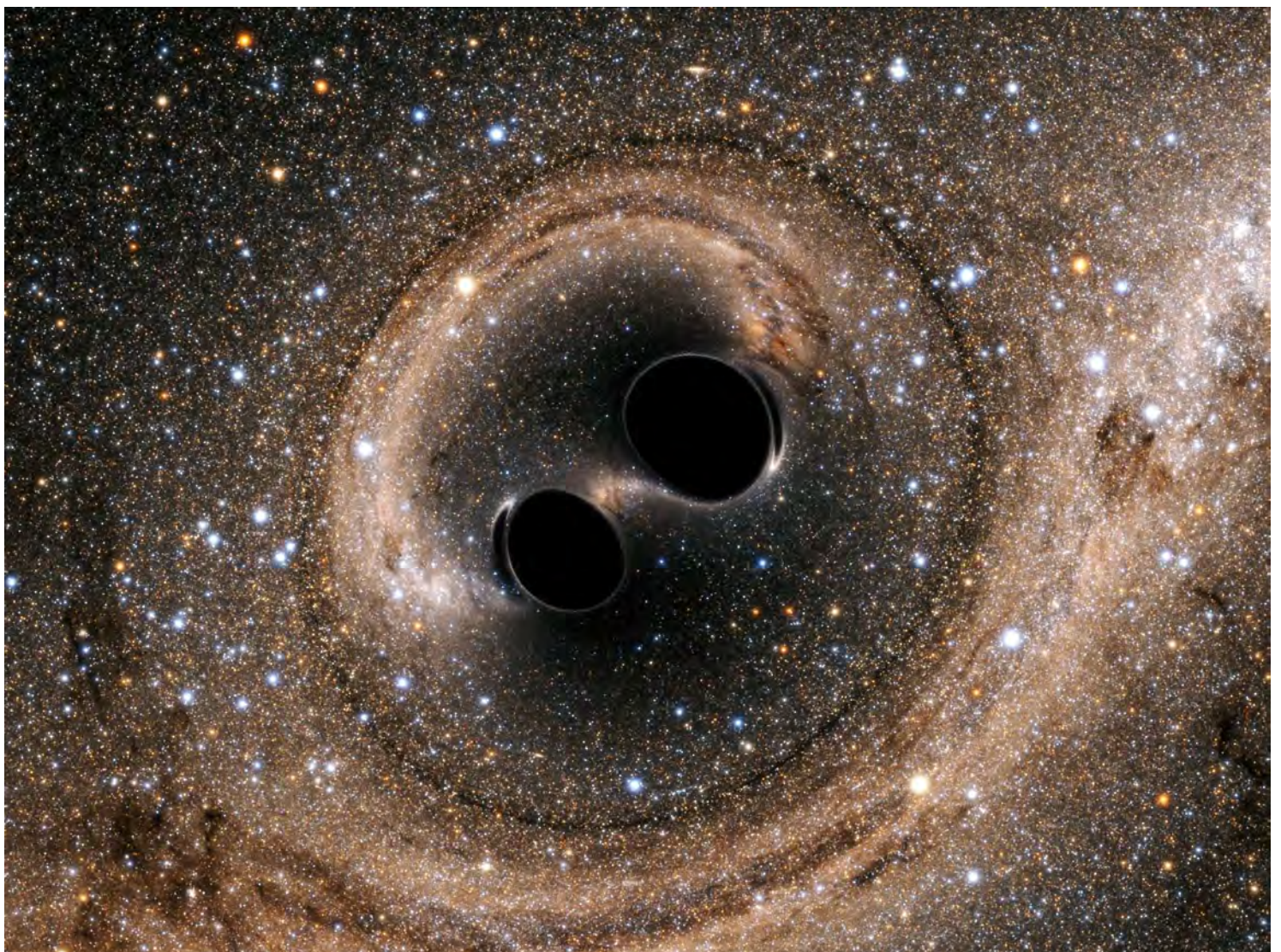
**FlatEarth.ws/lighthouse**  
Debunking Flat Earth Misconceptions

## CURVATURE OF LIGHT

Before 1905, little was known about creation of the universe. That was the year Albert Einstein put forth the Theory of Relativity, refining it even more in 1915. The two theories opened the door helping to understanding our creation, eventually helped to keep the world overall at peace and saved lives with advances in medicine and technology. The theories have a profound and momentous influence on astrophysics and cosmology guiding our future today. According to theories based on his mathematical principles of general relativity, a ray of light sent from an arbitrary point in space will curve according to the gravitational field through which it is passing. From his field equations of general relativity, under geodesics law, Einstein asserted that all free particles would follow geodesics in curved space-time, that space-time is curved and it is the matter in it that does it, that it is intrinsic without reference to embedding space, and that it would lead to a large curvature where matter is dense and to near-flatness where matter is sparse.<sup>38</sup> Einstein positively and firmly made that declaration. In this hypothesis it is believed the free particles are the remnants from previous “Big Bangs”. It is those free particles that provide gravitational mass for light curvature and continuing “Big Bangs”. (see “LIFE RENEWAL”), also see Light from preceding page. In 1919 he was able to show this geodesic law actually “worked” when having put the equations together and used them to test measurements of light curvature in gravitational fields of planets within our sun’s field of gravity.<sup>39</sup> Thus, if a light photon left a point on a journey and traveled into space along a straight line it may eventually return back to its starting point, (see “LIFE RENEWAL”, PAGES 30 – 32).



Gravity causing light to curve.  
*Image copyright Simulating eXtreme Spacetimes*



**CURVATURE OF LIGHT (CONTINUED)**

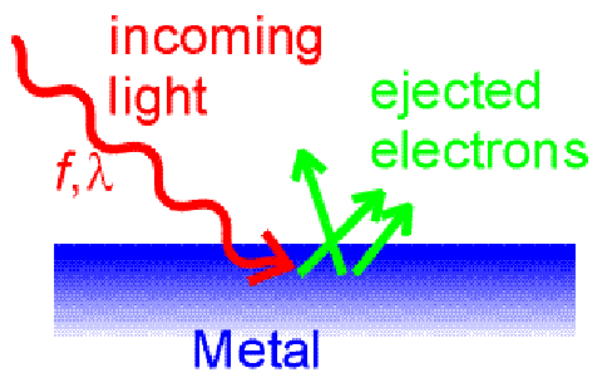
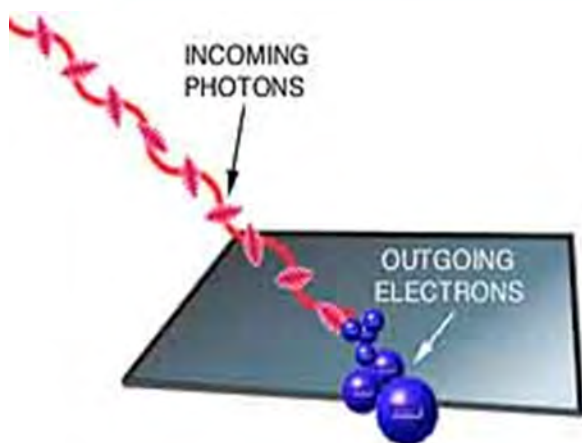
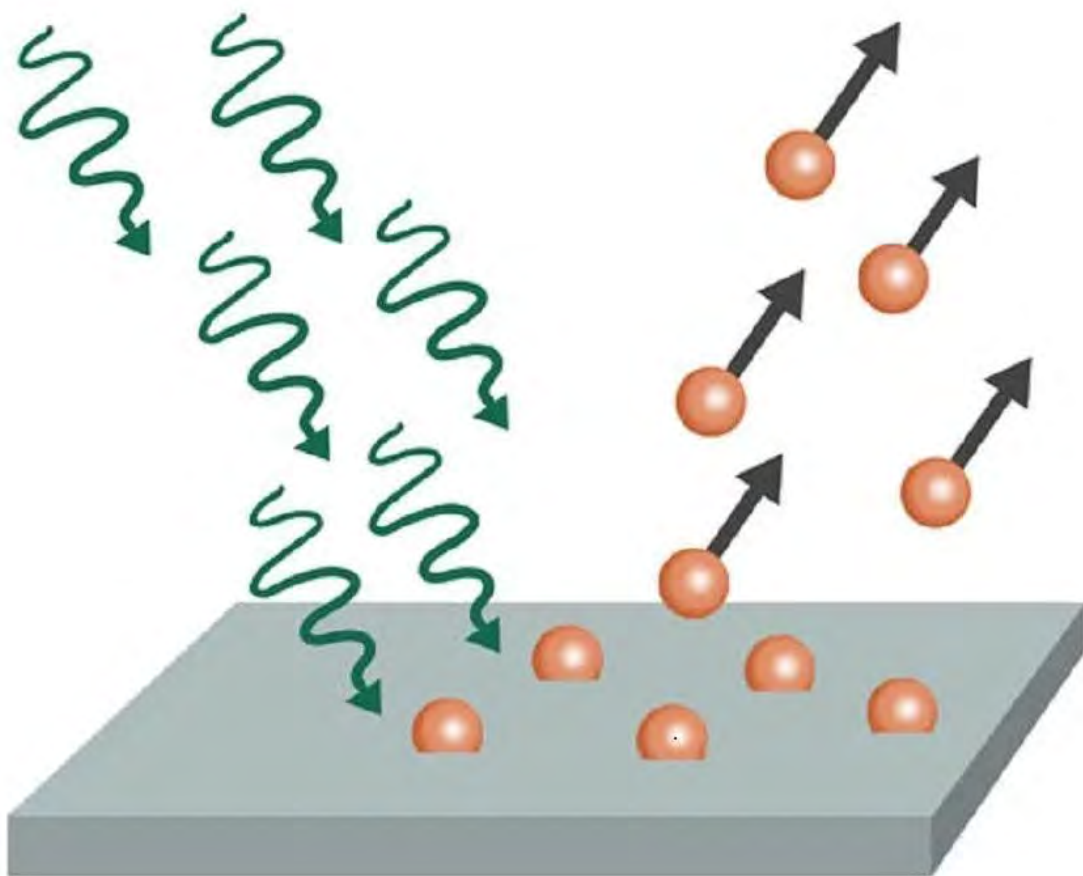
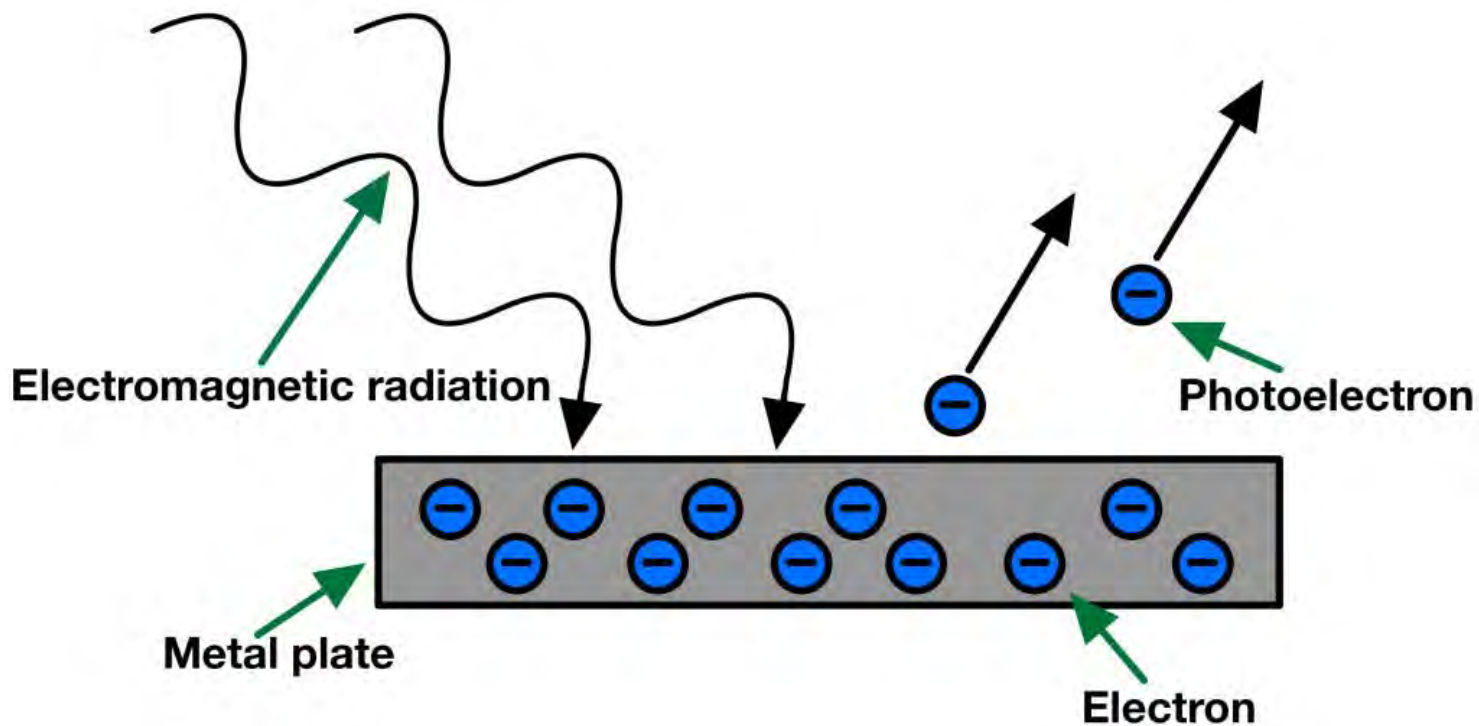
Because of wave duality of light photon as elementary particles it is also the electromagnetic force carrier ("boson") of the photons. Referenced from; Wikipedia, subject; Photon, dated; February 14 2022, at 10:54 (UTS). It is further submitted that collectively curvature may intensify gravitational attraction of the speeding elementary particle of the photons and atoms preceding the photons and residual particles in the universe.

It was proven that light travels in a curve in space within our solar system, but it was not proven that it traveled in a curve throughout the universe. Light traveling throughout the universe may spread life infinitely.

As photons travel in space upon approaching any body of matter, (planets, stars or any objects having a gravity field) they curve form their path according to the strength of that matter's gravitational attraction. The draw of the attraction causes the photons to reduce its speed while within the curve.<sup>40</sup>

Besides atoms, the one thing above all others helping to make infinite life possible, is curvature of light. Since 1919 when it was proved that light curves in space, due to beliefs and uncertainty that a light photon's ability to curve in space and return to its starting point has not been accepted by cosmological scientists. That may be largely due to the strong probability of the light photon being stopped by any object of density it may encounter as it travels. Those objects of density may be stars, planets or debris anyplace in the universe. It is the contention of this hypothesis that most light photons upon leaving the spherical mass of the "Big Bang" may possibly travel throughout the universe and return to their starting points. This opinion is based on the theory of the "Photoelectric Effect".<sup>41</sup> The Photoelectric Effect was proven in 1921 by Albert Einstein for which he received his only Nobel Prize.<sup>42</sup> In comparison principal, regarding positive or negative charged particles of the Photoelectric Effect, reacting with photon's electromagnetic radiation may be repelled.

The photoelectric principle.

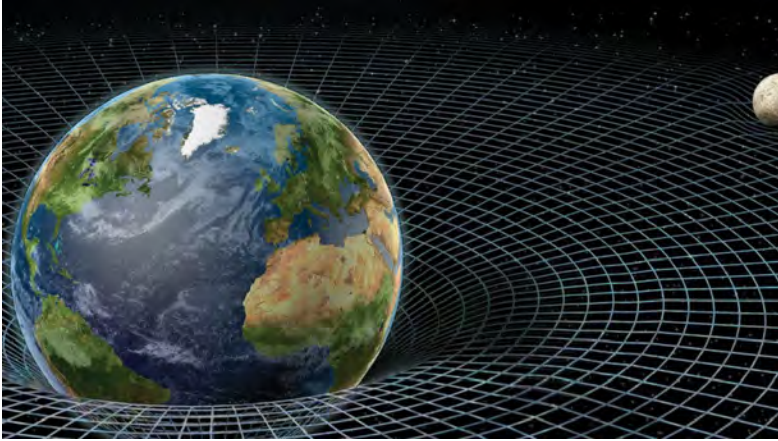


**CURVATURE OF LIGHT (CONTINUED)**

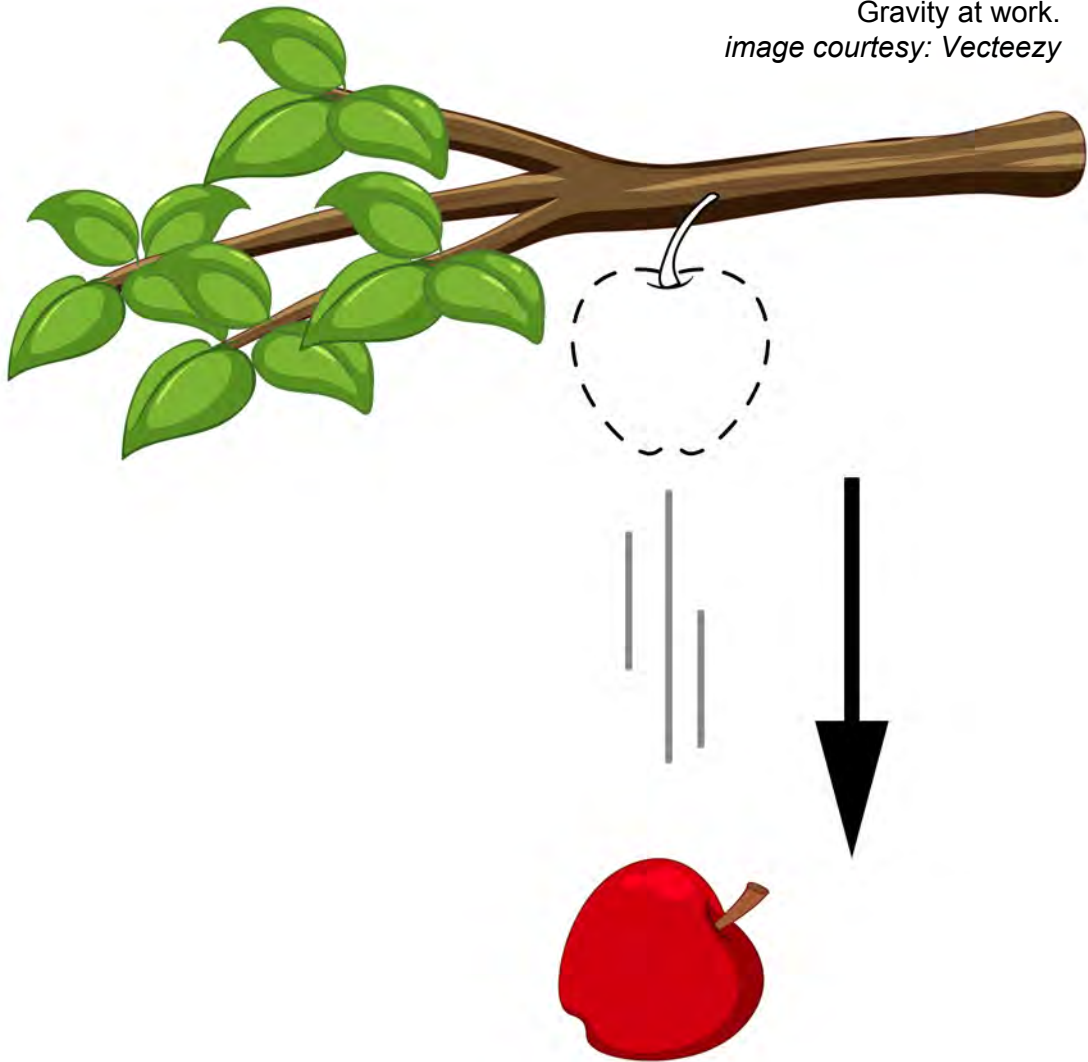
It is believed that when a light photon strikes any non-illuminated surface that can be illuminated will become illuminated and continue to be illuminated by incoming light photons. Any incoming light photons over and above those that are needed to keep the surface illuminated, because of and similar to the Photoelectric Effect would be repelled to continue their journeys.

Exploring another possibility of what could possibly enable a light photon to complete a circle of travel throughout the universe would be to examine light refraction, reflection, diffraction, deflection and common light interference, in conjunction with the Photoelectric Effect (see previous page). An example; from a great distance if planet Earth was miniaturized to the size of a marble, its peaks like Mt. Everest and valleys like the Grand Canyon would disappear, its surface from a distance would appear smooth as glass. Farther along, light photons approaching any non-illuminated planet or body of mass may be repelled by deflection from the planet's surface because its surface could possibly reflect enough light outwardly to repel extra incoming photons. Those planets or bodies of mass may be simply and variably illuminated from distant stars throughout the universe. Although the light may be dim, the outwardly reflected light may be sufficient for the Photoelectric Effect to repel any excess incoming light photons – enabling them to continue their curvilinear journeys. Perhaps that is one reason many planets or bodies of mass remain unseen.

image courtesy dkfindout.com



Gravity at work.  
image courtesy: Vecteezy





## GRAVITY

Gravity is a universal force of negative attraction acting between all matter.<sup>16</sup> It exists throughout the universe. Gravity is the weakest known force in nature.<sup>16</sup> It causes all objects to have weight.<sup>16</sup> Gravity's force is relative to the mass of the object.<sup>16</sup> On earth all objects are attracted to the center of the earth.<sup>16</sup>

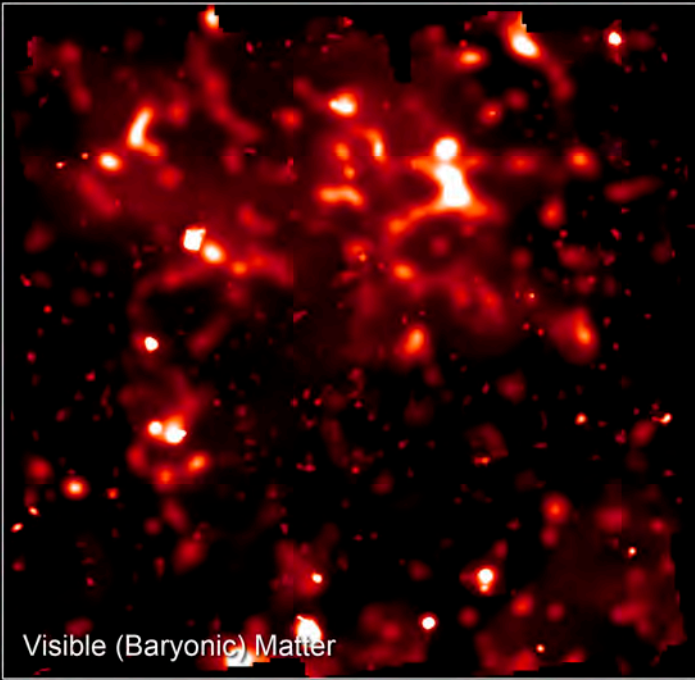
Gravity is invisible.<sup>17</sup> Weight is a measure of the negative force of attraction of any object having mass.<sup>17</sup> Weight increases as the object gets closer to the center of density.<sup>17</sup> Gravity is an integral part of and encompasses all objects that have mass.<sup>17</sup> Gravity is a force of attraction only between objects that have mass.<sup>17</sup> One of those objects must have unequal density to the other. The higher the density, the stronger it's less resistance to attraction, and the faster it will move toward it. The lower the density, the weaker its strength to higher resistance to attraction, and the slower it will move toward it. Attraction is lessened by distance. Differences in densities will cause differences in positive or negative resistance to attraction. Weight will travel to the strongest point of least resistance. The strength of resistance to attraction is equal to the distance of the object to each other and the mass and densities of each object.<sup>17</sup>

Isaac Newton held that every particle of matter in the universe attracts every other particle with a force that is proportional to the product of their masses and inversely proportional to the square of the distance between them. According to his proven theories every object in the universe is relative to each other.<sup>17A</sup>

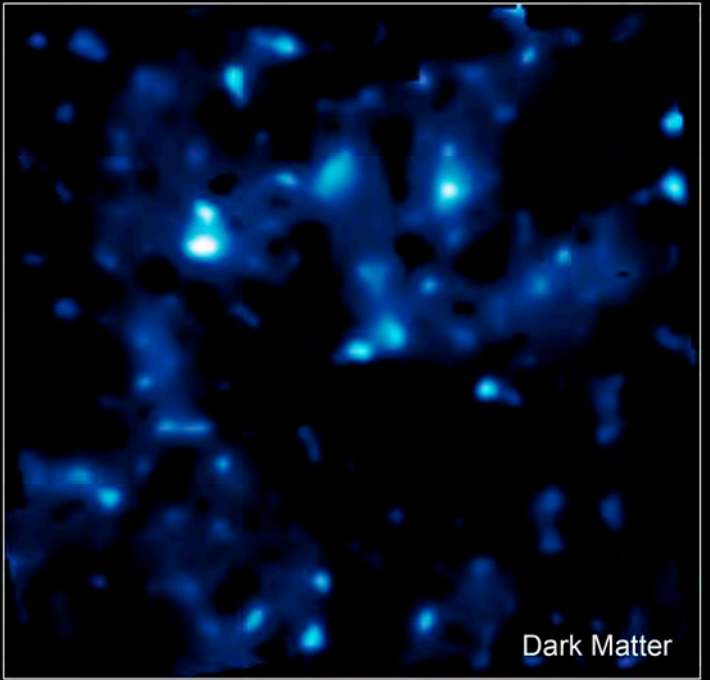
On Earth, the highest density and its strongest attraction of Gravity is at its core. The center is thought by most scientists to be primarily composed of Iron. Every place on Earth all objects are drawn directly to that high density attractions of Gravity. Gravity affects all things throughout the Universe.

The author of this hypothesis believes that gravity is a **negative** force of attraction and Dark Matter-Dark Energy is a **positive** force of repulsion (next page) that are integrated and work together cohesively for flawlessly smooth motion between all stars and planets throughout our universe.

Purpose: Keeping stars & planets separated



Visible (Baryonic) Matter



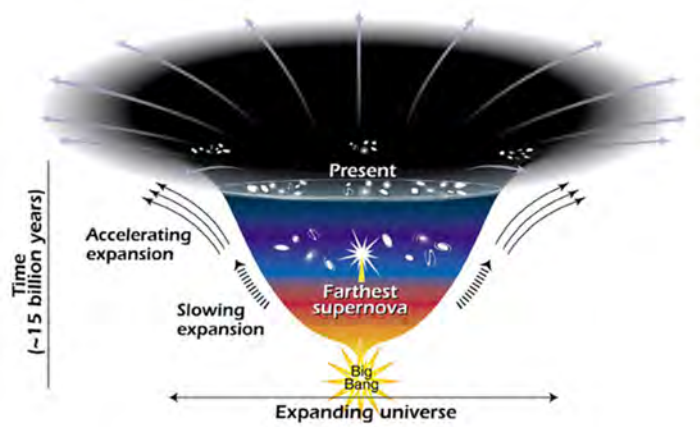
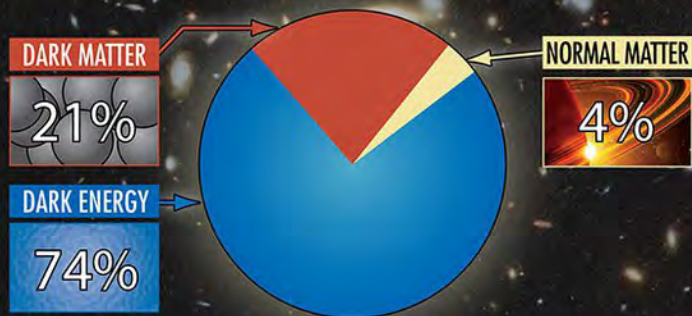
Dark Matter

### Distribution of Visible and Dark Matter • Cosmic Evolution Survey Hubble Space Telescope • Advanced Camera for Surveys

NASA, ESA, and R. Massey (California Institute of Technology)

STScI-PRC07-01b

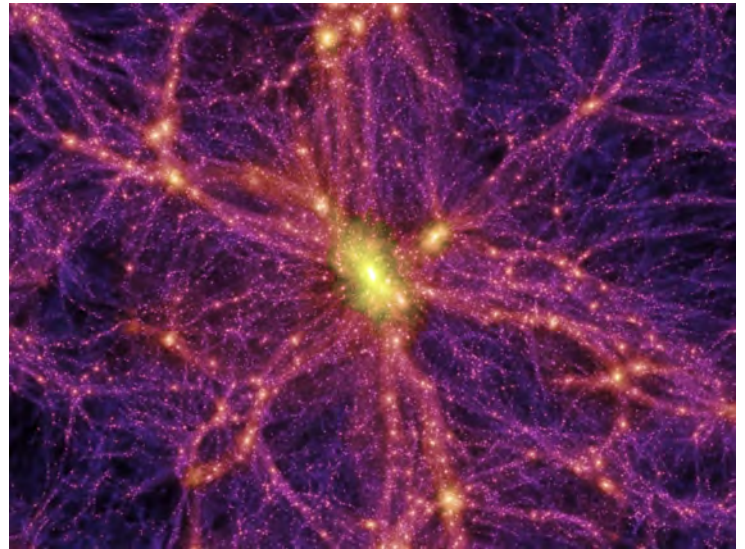
### What The Universe Is Made Of



## DARK MATTER – DARK ENERGY

Dark Matter-Dark Energy is believed to be a **POSITIVE** force of repulsion (author). Its composition is not known. Science has not determined the reason for it to exist. Dark Matter-Dark Energy – only recently has the existence of Dark Matter-Dark Energy over much larger scale than even galaxy clusters been confirmed.<sup>18</sup> That information was discovered in 1995. Since then, due to recent advances in scientific cosmological science, it has been found that different types of Dark energy and Dark matter within our universe can not be observed. Although unseen Dark energy, Dark matter is very important to our universe, only 5% of energy and matter is ordinary and can be seen, 27% of the matter is dark matter and is unseen and 68% of the energy is dark energy and is unseen. Referenced from; Wikipedia, subject; Dark matter, April 15<sup>th</sup>.2021 at 15:20 (UTC). There is more Dark Matter-Dark Energy in the universe than anything,<sup>19</sup> **It is believed by the author of this hypothesis Dark Matter-Dark Energy work in conjunction with gravity as a positive force of repulsion against objects of mass – counterbalancing the negative attraction that gravity has on mass.** Perhaps the overall reason that Dark Matter-Dark Energy exists is because it acts as an invisible positive force of anti-gravitational control to maintain an even distribution balance of bodies of mass throughout the universe so they will not bunch together. Without Dark Matter-Dark Energy, our universe as we know it could not exist. Our universe would consist of only one huge planet. There would be no more Big Bangs or infinite life. Normally we think of outer space as unlimited light years of nothing but great distances between stars and planets having only cold, darkness, vacuum, and occasionally pieces of debris from exploding stars.<sup>19A</sup> The universe is beyond awesomely huge. Actually outer space is the perfect size to do what it was designed to do – provide for, sustain and renew life. The distance, space, and time balance ratio of uninterrupted light and empty space must remain constant for the continuous formulation of life. The universe must be large enough to accommodate the great distances that speeding light photons need to complete total curvature, (circle). It is believed by this author that gravity and Dark Matter/ Dark Energy working together are important for sustaining life; **Gravity for the negative attraction and dark matter / dark energy for the positive force.**

Making space.



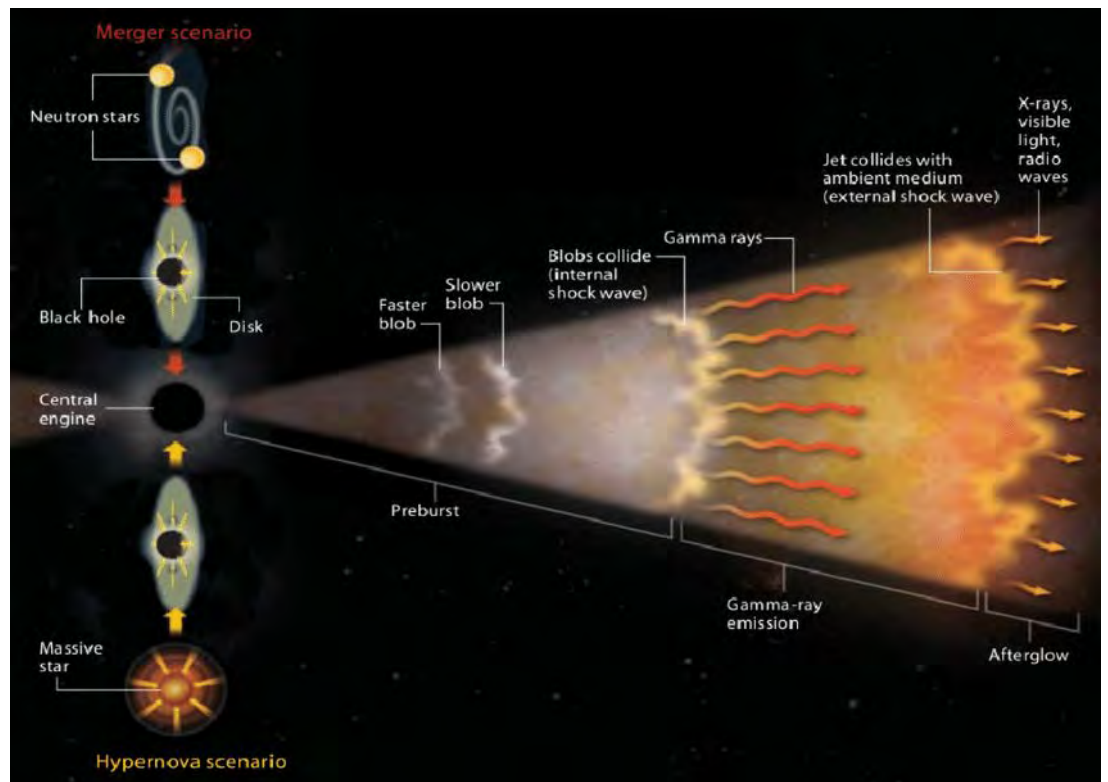
Top left image courtesy:  
*chandra.harvard.edu*

Top right image courtesy:  
*Volker Springel, Max Planck Institute for Astrophysics, Et Al*

Middle left image:  
"Galaxies passing each other" courtesy: *NASA*

Middle right image:  
"Galaxies colliding" courtesy: *NASA*

Bottom image: "Gamma Ray Burst" courtesy:  
*Francis Piron, Comptes Rendus Physique, 2015*



**UNLOCKING THE SECRETS OF THE UNIVERSE AND INFINITE LIFE REVISED**

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[TABLE OF CONTENTS](#)

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**DARK MATTER – DARK ENERGY (CONTINUED)**

In this hypothesis, it is believed Dark Matter-Dark Energy may help promote life is by controlling the direction that spiraling galaxies take in the same manner as they do with stars, planets, and bodies of mass all simultaneously moving forward (expanding) from the force of the “Big Bang.” It is further believed by this author that galaxies intermixing and passing through each other combine some of their planets, stars, and bodies, thereby providing more space for development of new stars and planets produced by star nurseries, thus helping further ongoing development of life and the “Big Bang” cycles.

Unlocking the Secrets of the Universe and Infinite Life Revised

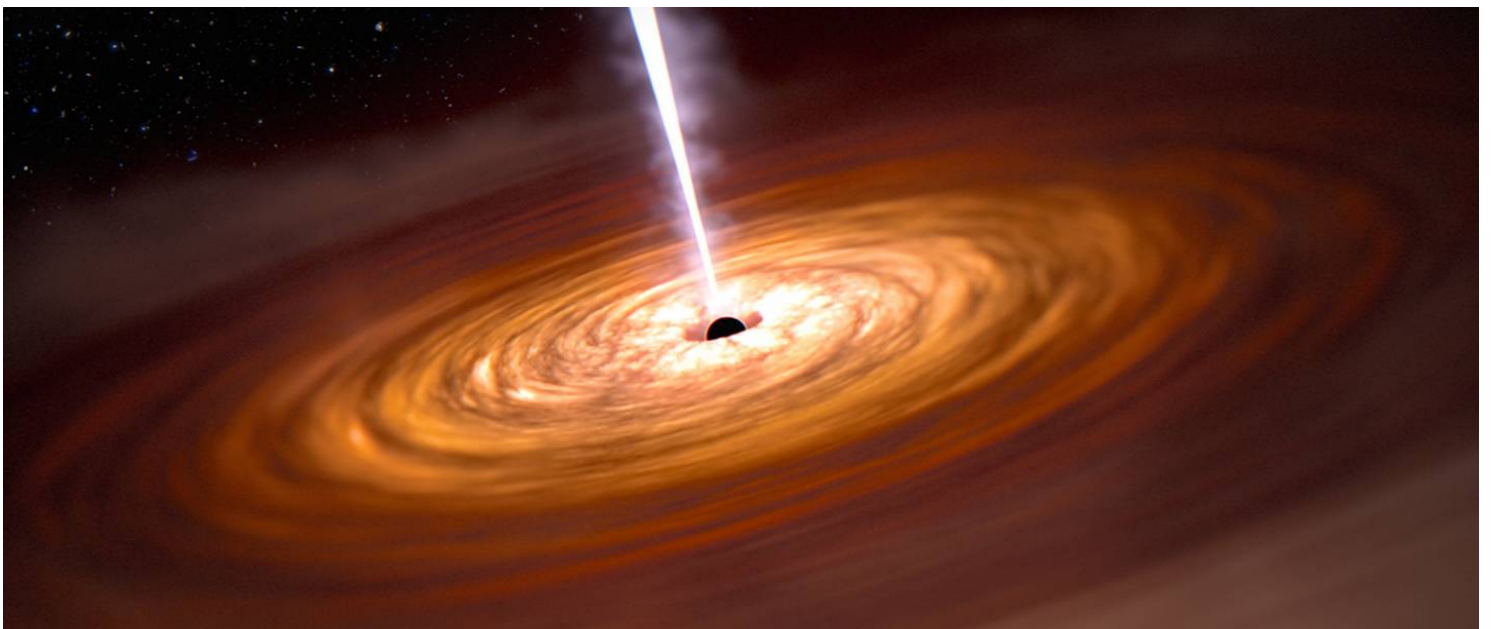
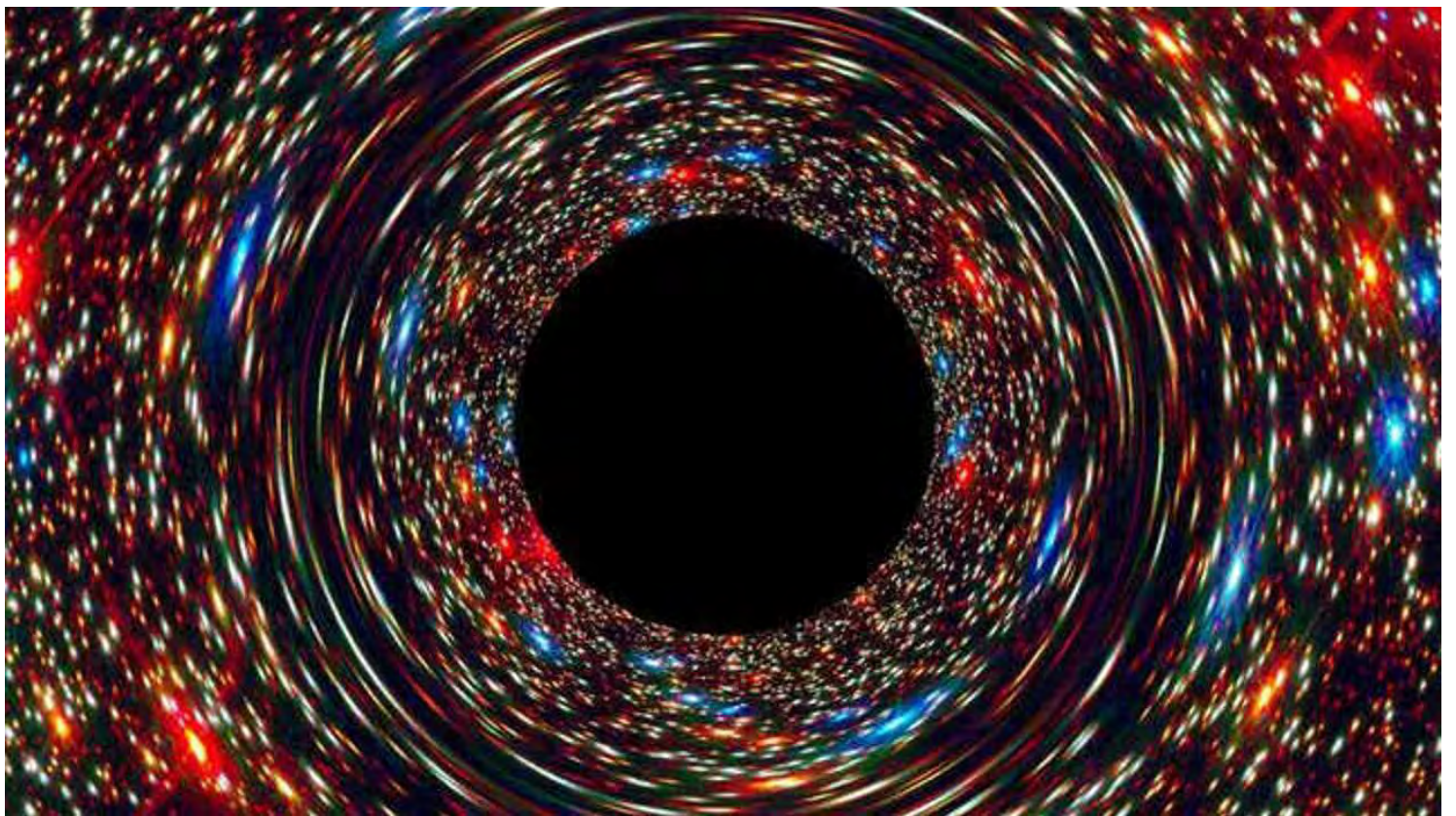
© 2003 - 2022 Goffrey V. Wolfe

Top right image: "Milkyway Sagittarius Arm" from NASA, ESA, and the Hubble Heritage Team (STScI/AURA)

Middle image: "Black hole" courtesy: NASA, ESA, and D. Coe, J. Anderson, and R. van der Marel (STScI)

Bottom image: "Black hole " courtesy: NASA, ESA, CSA, Joseph Olmsted (STScI)

Purpose of black holes is to keep outer space clear of debris.



## BLACK HOLES

Black holes are a natural way to keep outer space clean and promote life. Throughout our universe heat and cold react the **SAME; HEAT EXPANDS – COLD CONTRACTS**. In outer space when a star dies – its intense heat goes extremely cold. The sudden loss of heat contracts (**CAUSES CONTRACTION**), creating a very strong vacuum or a black hole – so strong it attracts everything surrounding it – even light, (hence the name – black hole). Sizes of black holes vary. They can be small, 3.8 times the mass of our sun,<sup>19B</sup> to enormous gigantic size 10 – 40 billions of times the mass of our sun.<sup>19C</sup> **Our Milky Way Galaxy is an ongoing black hole. Planet earth and all the planets in our solar system (including our sun) are on the fringes of the Milky Way Galaxy. The Milky Way Galaxy is an average galaxy. Galaxies form out of immense clouds of gas [https://imagine.gsfc.nasa.gov/science/featured\\_science/](https://imagine.gsfc.nasa.gov/science/featured_science/). The author postulates that all galaxies are formed by the vacuum (suction) created by the sudden death of a star. The black hole resulting from sudden loss of extreme heat to intense cold from the dead star generates the ensuing vacuum, dismantling the star, sucking huge amounts of everything within the star and it's surroundings. The Milky way galaxy will continue working as a black hole until temperatures within the black hole adjust to surroundings.** In outer space, the vacuuming is continuous because there is nothing to stop it. High speed action of vacuuming creates an intense coalescence of atoms, cells and space debris, dismantling them and releasing them to the voids of outer space.<sup>19D</sup> The author believes any remaining particles of black holes recycles during the next “Big “Bang”. Further the author compares the similar physics of black holes to that of the canning process and preservation of our food. As an example during the canning process while still hot, the food is put into a hot jar. A sealing lid is put on the jar and tightened, sealing the hot food in the jar. When the food and jar cools it creates a vacuum. The bottom of the jar (barrier) MAINTAINS SUCTION holding the lid down, keeping the jar vacuum – preserving the food. Unlike the canning process, in outer space, there is no barrier to stop the vacuuming therefore when the **heat suddenly dies creating an extreme contraction (black hole), high intensity coalesce dismantling the atoms of the heated substances from the object of burned out stars into subatomic particles emitting them into empty space. that action will continue until those heated substances are the same temperature or equalized to the surrounding space, then stops. Black holes keep outer space clean by removing burned out stars, adding more room. The above description of black holes is an over simplification. There are many types of black holes but it is hypothesized by the author the primary reason they exist is to keep outer space clear of debris, helping to promote life.**

New Life.

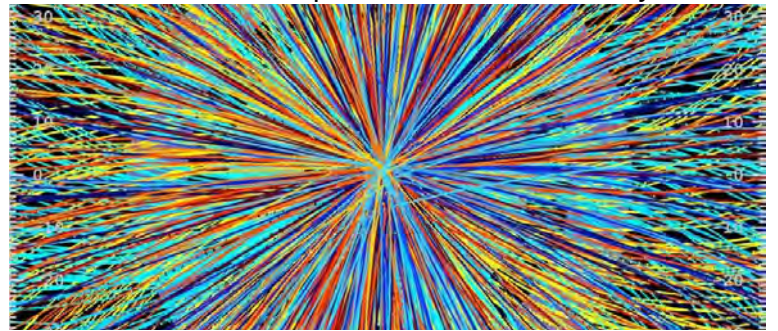
*Image credit: NASA, ESA, CSA, and STScI*



*Image credit: Science Photo Library*



*A data visualization of particle collisions courtesy: CERN*

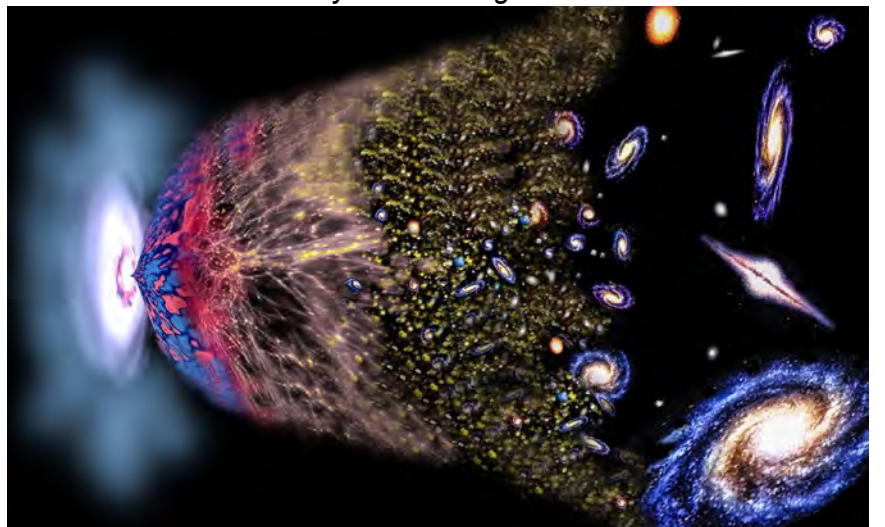


*courtesy: ESO/L. Calçada/M. Kornmesser - <https://www.eso.org/public/images/eso1733a/>*



**Big Bang**  
*courtesy Pablo Carlos Budassi*

**An artist's rendition of the Big Bang**  
*by David A. Aguilar*





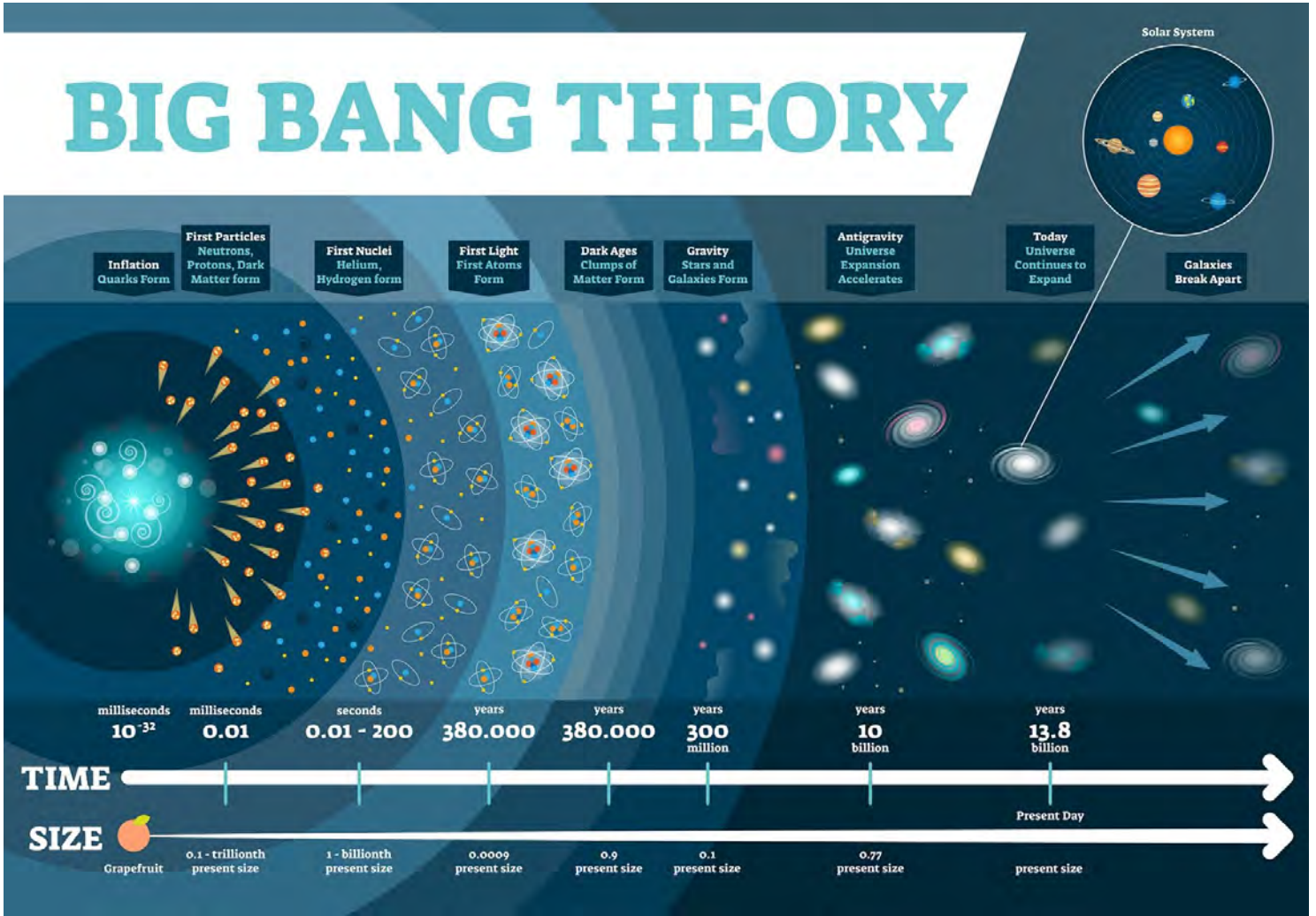
**“BIG BANGS”**

Many people do not believe the concept of the “Big Bang” theory or that it ever happened. For many years some scientists were looking for any proof as to where everything in the universe came from, other than what was then accepted by most scientists, which was the theory of “Steady State”. The theory of “Steady State” provides that the universe had always existed and would continue to exist without noticeable change.<sup>43</sup> Most scientist were unhappy with that explanation and wished for a more suitable answer. They wanted some type of indicator that could reasonably portray the justification why the universe is the way it is. They wanted a “smoking gun.” Then in 1964, by accident, while looking for something else, physicist Dr. Arno Penzias and physicist Dr. Robert Wilson unexpectedly discovered cosmic microwave background radiation. This was a direct link to the “Big Bang”. That definitely established the “Big Bang” had occurred.<sup>44</sup> Today, confirmation of the occurrence of the “Big Bang” can be witnessed by watching the television screen. About 1% of the flickering specks in the static of a TV screen are initiated by waves of cosmic microwave background radiation from the moment “Big Bang” happened and provide a strong pillar of evidence for the “Big Bang” theory.<sup>45</sup> (please see page 29, [BROADCASTING ATOMS & TIME TRAVEL](#)). On January 30, 2001, NASA reported that moon dust smells like burnt gunpowder.<sup>46</sup> The significance of that discovery is yet to be determined.

The universe functions perfectly according to the way it was designed, to renew and continue life endlessly by providing for the propagation of all life species and to be capable of sustaining them infinitely. That is accomplished by an endless series of “Big Bangs” or a continuous chain of “Big Bangs”. There have been many “Big Bangs” since the first one. That has been Billions of years or even trillions of years or more since the beginning. Time between “Big Bang “ events could last billions of years. Presently, it’s been over 13 billion years since our last “Big Bang” that we are still a part of. We do not know when the next “Big Bang” will occur. It’s unknown how long time/ life existed after the previous “Big Bang ”...before the “Big Bang” we are in now or how long time will last from present day before the next “Big Bang”. Because of the vast distances of open space in our huge universe, atoms, curvature of light and “Big Bangs” all work together to make life/time possible and infinitely unlimited.

**The author submits the idea that “Big Bang” intervals are the pulse and the rhythm of the universe and ongoing life.**

# BIG BANG THEORY



**“BIG BANGS” (CONTINUED)**

It is unknown if the cause for the “Big Bang” is within the confining boundary of a spherical (ball) shape or a large elongated shapeless mass of atoms.

For an infinite series of “Big Bangs” to occur it is sensible to believe it is in a spherical shape for the following reasons: When the “Big Bang” happens, it is the result of the tremendous weight of the atoms and photons from everything that ever existed in the universe is within the spherical mass. The sphere is held together by the attraction of Gravity. As the sphere increases in size, density, weight and attraction (from a steady build up of incoming atoms which have completed their curvilinear journey from previous “Big Bangs”), increases when it reaches an immense size, density and weight to the point the sphere can no longer continue to bear its own weight, it collapses and implodes. That example would be impossible if there was no sphere but only an elongated shapeless mass – there could be no “Big Bangs”. The explosion develops into an incredible large nuclear atomic explosion or “Big Bang”. The explosion is larger than anything that can ever be imagined. The “Big Bang” is a never ending series of regular occurrences that is a way that life can continue infinitely. Life is not a byproduct of this event but its **only** purpose. “Big Bangs” are separated by billions of years. The last one was 13.8<sup>46A</sup> billion years ago ([See Life Renewal page](#)). All “Big Bangs” are similar, i.e., each event within every “Big Bang” occurs at the same point in time within all other “Big Bangs”. At the moment the “Big Bang” happens the explosive force and intense heat dismantle the atoms into a primordial mix of diffused subatomic particles, (electrons, protons, neutrons). The intense heat stop movement of the light photons – leaving the Big Bang in **total darkness**.<sup>46B</sup>

More New Life Continues.

Illustration showing the expansion of the Universe.  
Credit: Mark Garlick / Science Photo Library

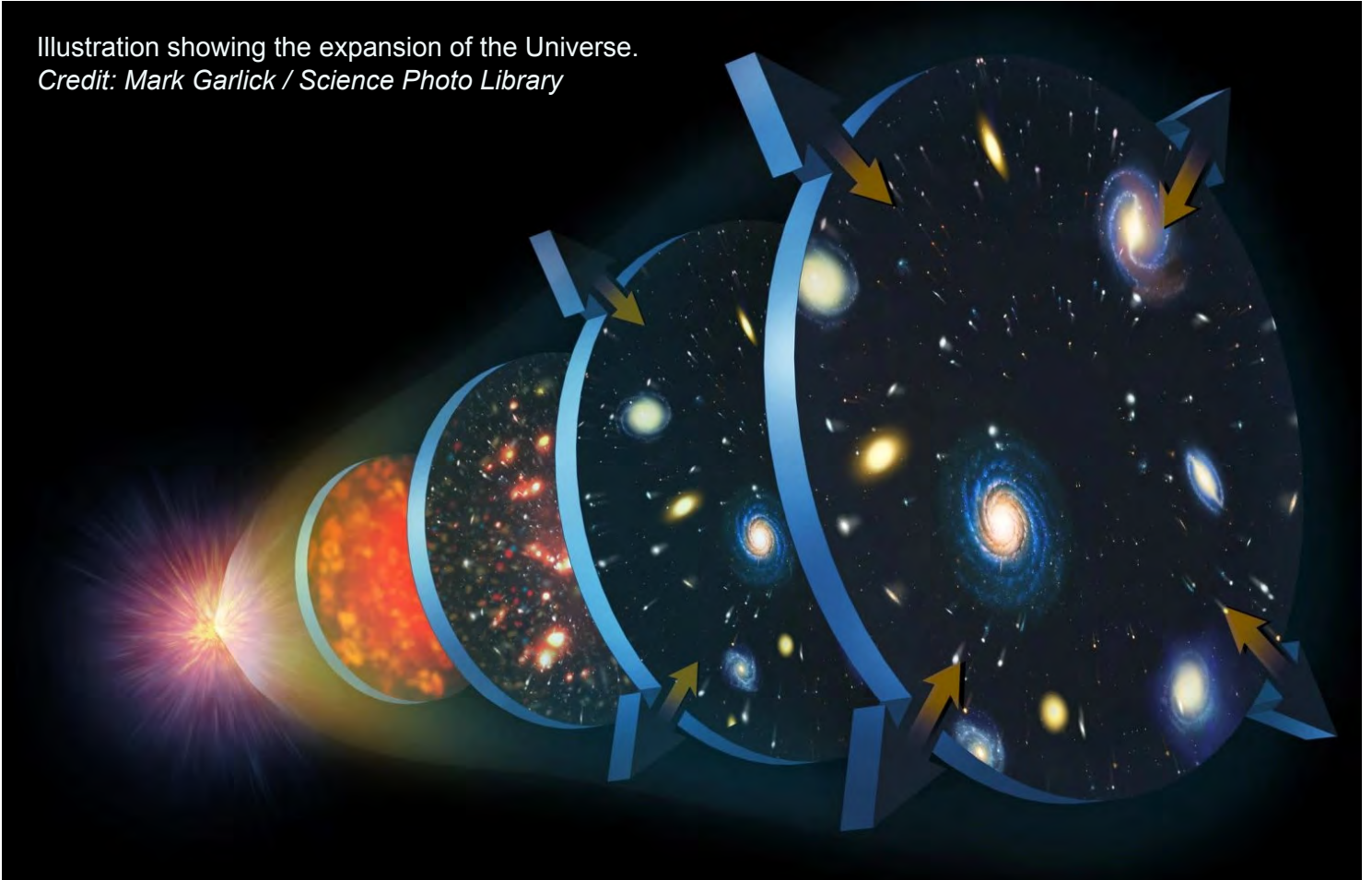


Image credit: Science Photo Library



### “BIG BANGS” (CONTINUED)

The explosive force of “Big Bang” cause the primordial mix to overcome the gravitational attraction of the now dwindling sphere ejecting “The Mix” and clumps into an empty universe **(except for small free particles from previous “Big Bangs) (see reference #38 and page #13)**. The previous sentence concerning clumps is not a proven theory, but it is widely accepted by astrophysicists because it conciliates theory with observation.<sup>47, 48</sup> At this very important time of the “Big Bang” the subatomic particles begin to recombine or the nucleosynthesis process begins. It is unknown by this author why the subatomic particles recombine to once again become atoms. Perhaps it is part of the natural attraction process brought about by lowering temperature changes within the subatomic particles permitting them to reunite with other subatomic particles within their compatibility working temperature range.

After the “Big Bang” (see page 10) protons and neutrons recombine. With those subatomic particles – the lighter elements can formulate into atoms. Those elements are hydrogen, helium, oxygen and similar elements. Hydrogen is the most abundant element in the universe, primarily water. It makes up 75% of all matter.<sup>49</sup> Further cooling enable the electrons to recombine and light photons to move freely. Once again there is light.<sup>49A</sup> With the electrons heavier elements can formulate.<sup>49B, 49C</sup> Some of those elements are iron, copper, lead, gold, etc. With both lighter and heavier elements, development of life and all that we are familiar with, animals, cars, chocolate can eventually exist. Because composition of atoms are perfectly precise and accurate. They will always maintain their timeliness, exactness of formulations following the same patterns of life’s replications between all events including “Big Bangs”... infinitely.

## More New Life Continues Again

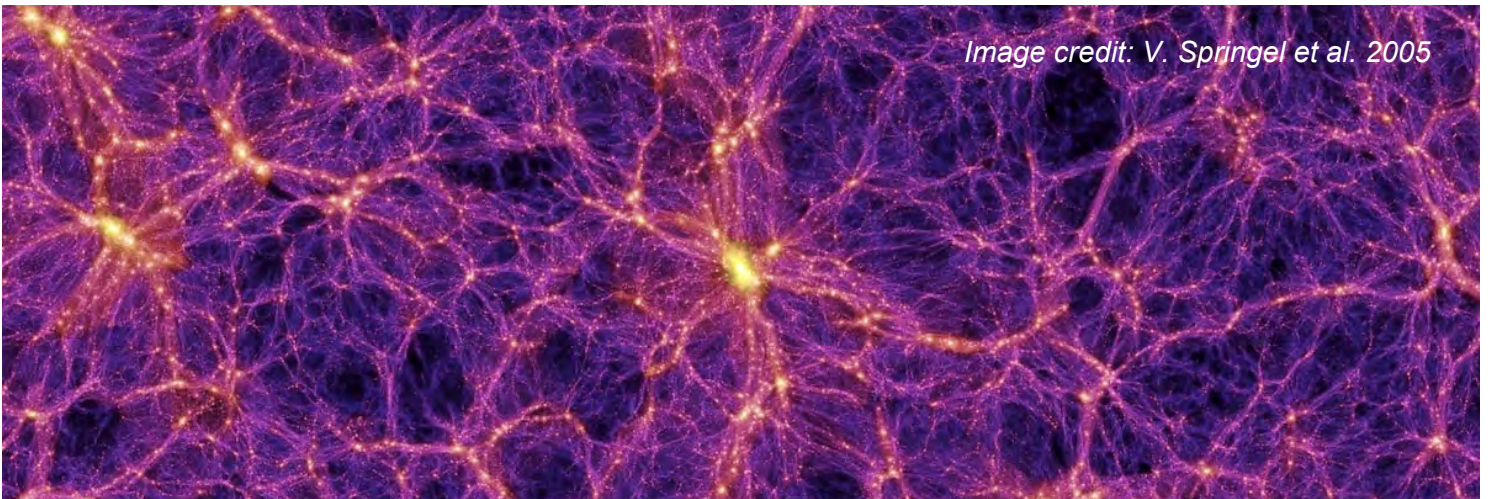
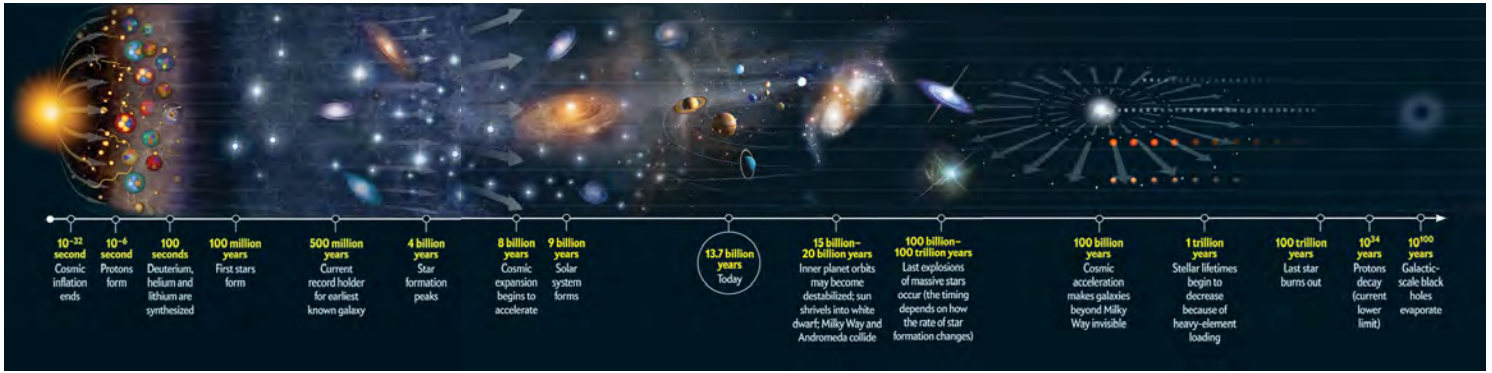


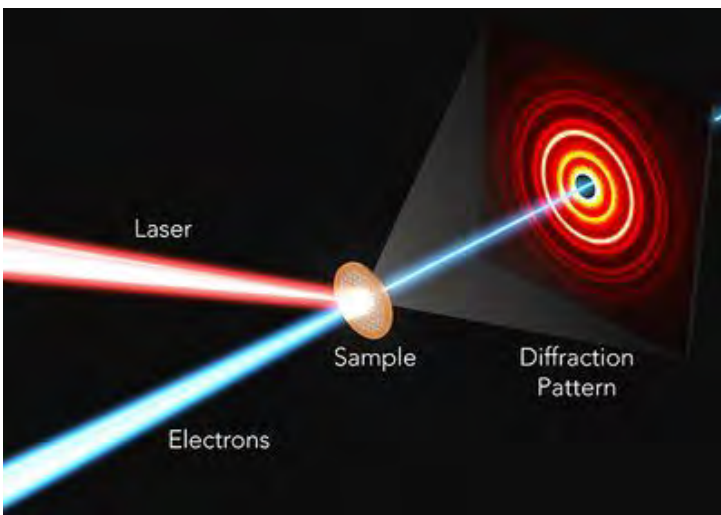
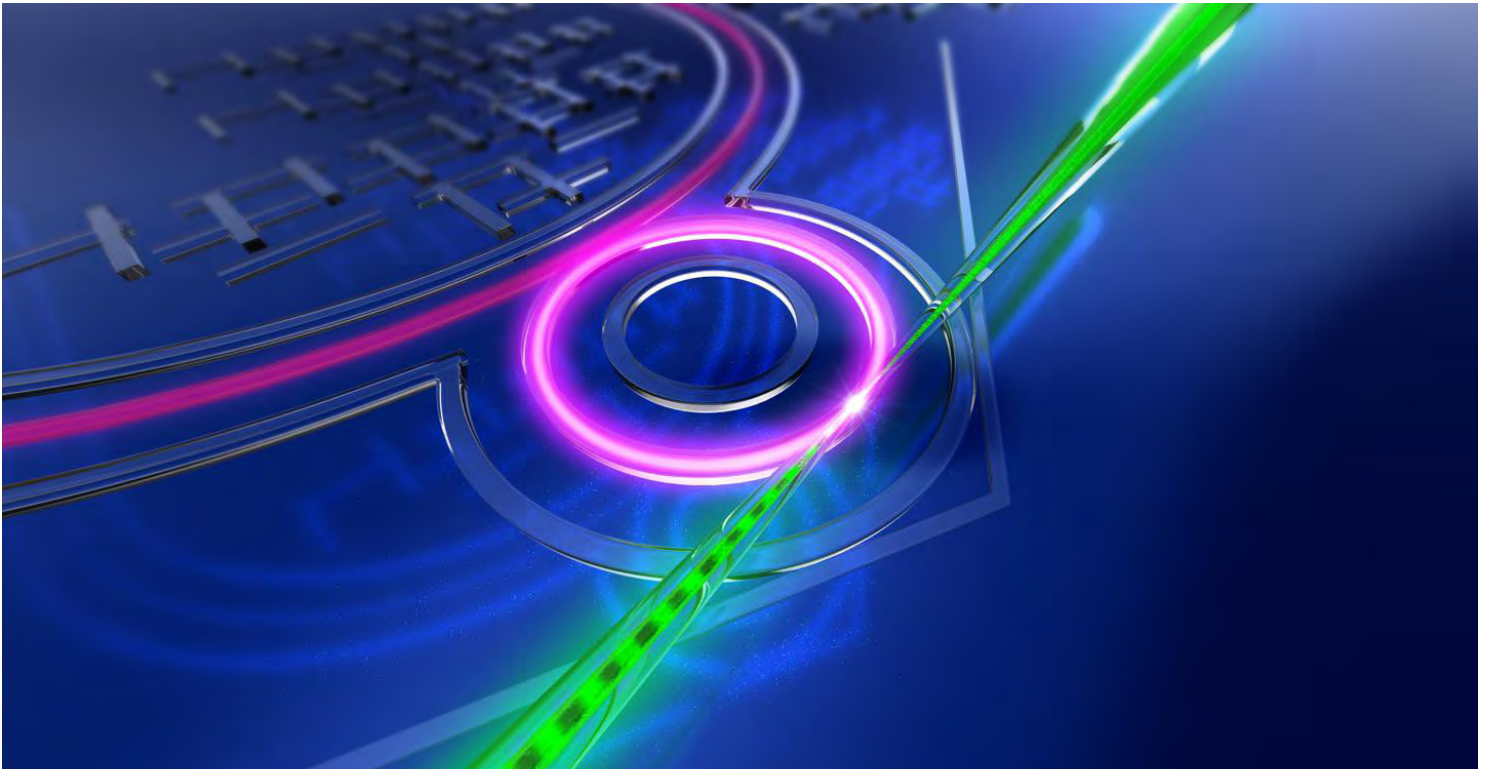
Image credit: V. Springel et al. 2005

**“BIG BANGS” (CONTINUED)**

During the recombining/nucleosynthesis of the neutrinos, flavors of quarks and subatomic particles into atoms will recombine and make the same exact subatomic particles necessary to duplicate the same accurate atom to make the same precise item as it was previously. It is because of those reasons that in the newly forming universe all things will be exactly the same in the new universe as it was in the previous universe down to the same exact type atom. Every wave on the ocean, every eye blinked, every leaf turned by the wind, would be the same and function the same as previously. Because atoms are infinitely perfect and astonishingly precise, even after billions of years of “Big Bangs”, all exact replication of animal and plant life will always prevail. As a part of this hypothesis, it is believed by the author that learning abilities and the spirit of life for animals ( including humans ) will remain progressively strong.

Still rapidly speeding from the force of the “Big Bang” atoms, photons and clumps continue being hurled under pressure into outer space from the explosive force of the “Big Bang”. It is unknown if atoms are spread throughout the universe from that pressure alone. It is impossible to accurately determine how atoms spread throughout our universe. The following sentence conflicts with a similar statement on [page # 9 , lines 5-8](#) from top concerning photons moving atoms. Both statements are a hypothesis. It may be possible that one (1) photon could affect the two (2) atoms; outer space is not a complete vacuum, referenced from Wikipedia /subject-Outer space 1 June 2021 at 18:21 (UTC), also [residual particles](#) from previous **BIG BANGS** and [Black Holes](#). Examining singularly one atom (among many) may proceed just ahead of a [light photon](#). Riding on the crest of the swell of the photon or it may interact simultaneously and be waffed forward by the photon, while at the same time another atom under pressure from the force of the explosion of the “Big Bang” may follow behind the same photon as the photon speeds through space. Considering also as the photon travels in space propelled by its unit of electromagnetic wave (plus the pressure of the “Big Bang” explosion), the photon may create a trough with a low differential pressure or a small negative suction behind it attracting the atom, (outer space is not totally empty or a total vacuum – i.e., small leftover particles from previous “Big Bangs”). For more information on this subject please refer to [the first paragraph on page # 9](#).

More New Life and "Big Bangs" Continues Again and Again Infinitely.



Top left image:  
"Early Universe" *courtesy NASA, ESA, CSA, & STSCI*

Middle image:  
"Photon-controlled electron" *Credit: EPFL*

Bottom image:  
"Diffraction Pattern"



### “BIG BANGS” (CONTINUED)

Electromagnetic attraction between parallel speeding atoms and light photons may result in developing into clusters – eventual spherical masses and life ([see ATOMS-CELLS-CONSCIENCE-CONSCIOUS](#)). In this hypothesis, it is believed this may occur after the Big Bang nucleosynthesis, referenced from Wikipedia, subject; Inflation cosmology 31 May 2021 at 06:10 (UTC). During this time, theorized by the author while speeding away from the Big Bang, the atoms and photons may cluster as previously stated speeding into empty space.

In some regions in outer space it may be possible for atoms to be moved by photons. Outer space temperatures vary from  $-456.67^{\circ}\text{F}$  up to  $+18,000^{\circ}\text{F}$ . In the interstellar regions of our milky way galaxy the temperatures vary from  $-440^{\circ}\text{F}$  to  $+1,340^{\circ}\text{F}$ .<sup>50</sup> In 1997 Dr. Steven Chu was awarded the Nobel prize in physics for having discovered how to move and manipulate atoms with photons by lowering temperature of the atom and moving it with six laser beams. When energy of moving photon resonates with energy of the moving atom the photon will transfer its momentum to the atom giving it direction at which the photon was moving.<sup>51</sup>

Dr. Ken Mellendorf – U.S. Dept. of Energy, Illinois Central College, physics instructor, has stated the following concerning movement of atoms caused by photons: Even though a photon has no mass, it still has momentum and kinetic energy. The photon adds most of its energy to the kinetic energy of the electron. The photon, electron, and nucleus interact. Energy and momentum are conserved.<sup>52</sup> Most of the energy enters the electron, raising it to a higher state. This is a rotational effect. In order to maintain momentum, a small amount of the energy enters the motion of the nucleus, giving the atom a new velocity through space and a new kinetic energy.<sup>52</sup> Outer space being relatively gravity free, seemingly would make it easier for photons to move atoms.

TV displaying flickering specks from cosmic background radiation, an indication the “Big Bang” had occurred. [See mid page # 24 for more information.](#)



Time travel clock, often desired but impossible to make.



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“BROADCASTING ATOMS AND TIME TRAVEL”

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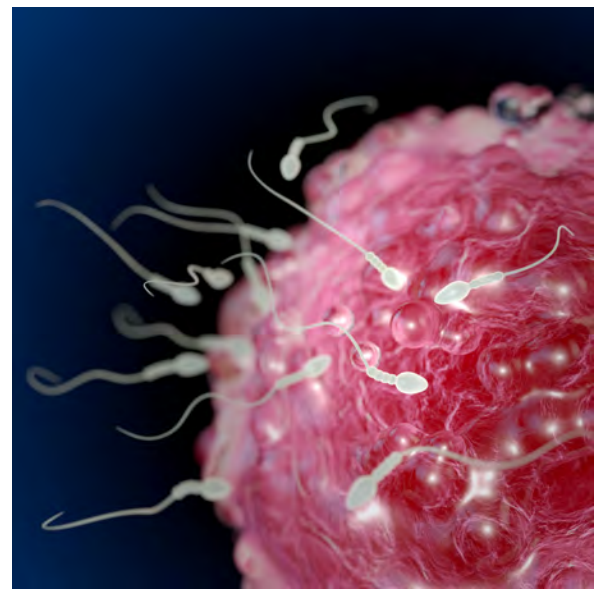
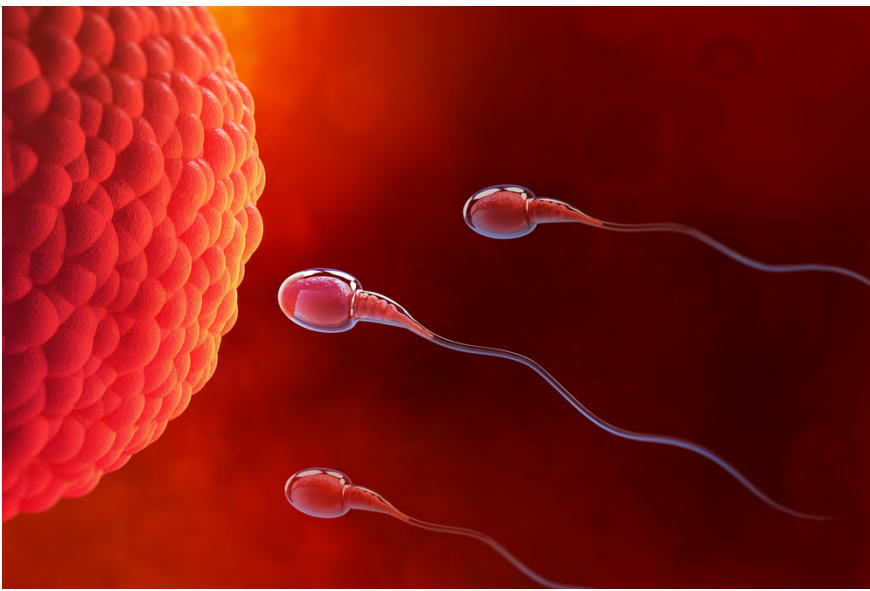
THE FINDINGS OF BOTH SCIENTISTS, DR. CHU AND DR. MELLENDORF, POINT INTO THE DIRECTION OF HOW IT MAY BE POSSIBLE FOR PHOTONS TO BROADCAST ATOMS THROUGHOUT THE UNIVERSE FOR DISTRIBUTION OF ATOMS AND EVENTUAL LIFE.

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“TIME TRAVEL”

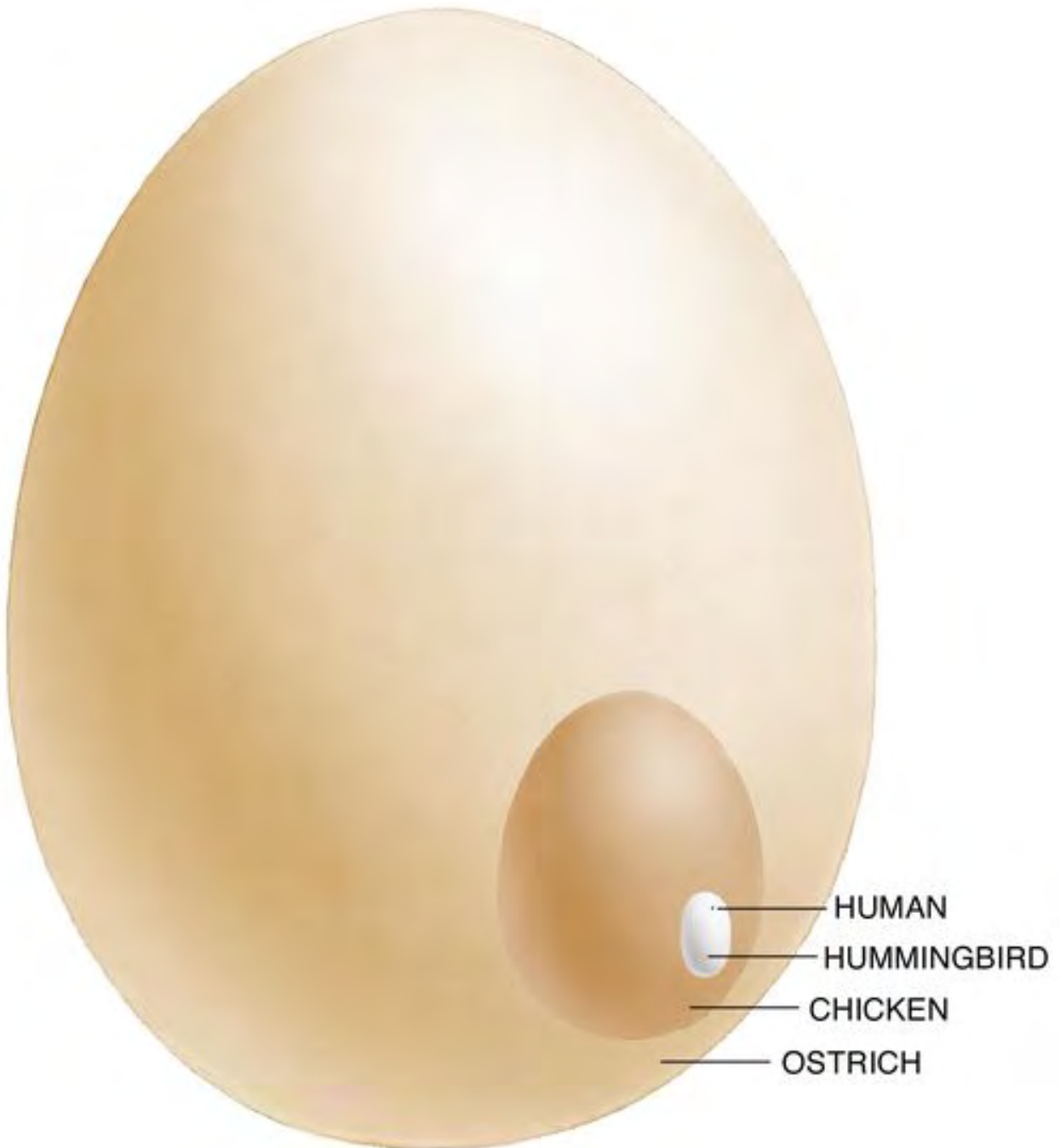
Time travel is possible as explained by NASA. It is a time saver but it is not what we would have expected, envisioned and wanted it to be as part of our lives. The universal speed limit is 186,000 miles per second per second. Per second per second is defined as the maximum speed of all things throughout our universe. [www.yourdictionary.com/per-second-per-second](http://www.yourdictionary.com/per-second-per-second)

Another related reference is <https://www.collinsdictionary.com/dictionary/english/per-second-per-second>. If we go beyond that speed limit to a specific point will we will reach the point quicker to get there, making our travel time slower. Even though we got there faster and saved time by doing so our body's clock and our age would progress at the normal rate. Traveling faster we can save time. Using that saved time we can't use a time machine to go into in the past or future because they don't exist. Even if a time machine existed and an attempt was made to travel to the past or future the traveler would have to REENTER the “BIG BANG”( if going into the past or to ENTER into the next “BIG BANG” if going into the future. Just getting to the next “BIG BANG” would be difficult to an impossibility because the universe is constantly changing in its (multi double speed) acceleration, expanding, double speeding, making exact precise date and pinpoint accurate time another impossibility (see page 30). In either case upon entry into the “BIG BANG”, the time machine (and traveler) would instantly be destroyed, reduced to subatomic particles only to be recycled with other subatomic particles within the next “BIG BANG”. Math of time affect the things we do every day, but in actual fact can not displace our presence, past or travel to the future. Math of time affect the things we do every day, but in reality, it can not displace the actual present or past. <https://spaceplace.nasa.gov/time-travel/>.



The largest human cell (by volume) is the egg. Human eggs are 150 micrometers in diameter and you can just barely see one with a naked eye.

*Image Credit: Judith Stoffer, National Institute of General Medicine*



## LIFE RENEWAL

From the first “Big Bang” and afterwards the enormous atomic explosion that hurls atoms, light photons and clumps into space and the empty universe may eventually formulate into DNA and life. How many times has this happened previously? (see [“CURVATURE OF LIGHT – Free Particles”](#)). When measured mathematically, the arc of the travel of light, the photons and atoms combined with their speeds, scientists can determine the time they will need to complete their curvilinear journeys. By calculating both the time used by the actual “Big Bang” and the time employed by light and atoms to complete their circles since the previous “Big Bang”, the mystery as to just when the next “Big Bang” may be resolved (see [page 33, 1<sup>st</sup> paragraph](#)). Further, by concluding the age of quarks, time used by the actual “Big Bang” and their frequency intervals are known, not only could the initial time of the “universal conception” be predicted but the number of “Big Bangs” since and the next to come then could be predicted as well.

Some of the information from the previous statement (age of quarks, and frequency interval of “Big Bangs”) seems so far removed from today’s cosmological science, but we are at the infancy stage of that endeavor. Scientists are progressing cautiously, deliberately and optimistically. Because of the extreme cost of research, complicated technology issues and importance of positive results scientists can only go forward as conditions permit.

In the distant future, studies of our struggles with that primitive scientific research, will be in the historical archives of our past.

After each “Big Bang” when the universe is fresh with a great abundance of atoms and light photons that eventually enrich the empty universe with atoms and photons, it is possible, if the conditions are perfect with the presence of DNA, life may develop – conditions permitting.

After eons of time, the universe, with its light photons and atoms still traveling from the force of the pressure of the “Big Bang”<sup>56</sup> and the electromagnetic radiation force carriers – (gauge bosons) propel the photons and atoms to 186,000 miles per second (MPS). [31C 56A](#)

Life Ininitely.



LIFE RENEWAL (CONTINUED)

In 1925 Edwin Hubble, astronomer scientist, discovered the universe was expanding at a rate proportionate to the same velocity based on Einstein's 1907 formula for the speed of light in a vacuum of 186,000 MPS.<sup>56B</sup>

On Sep. 4, 2002 NASA stated the universe is **accelerating** in its outward expansion.<sup>56C</sup> The statement from NASA that the universe is accelerating on its outward expansion was a surprise and did not seem possible. Later the accelerating outward expansion rate of the universe was verified by countless astrophysicists & cosmologists. The author theorizes that the **normal** steady state speed of light of 186,000 miles per second within the known **CONGESTED** areas of the cosmos; (galaxies, stars, planets) remains at that normal steady state speed, but farther into the emptiness of virgin space there are no gravity waves to slow the light photons and atoms down except for the extremely sparse free particles from **previous** "Big Bangs", [Please Refer to Curvature of Light](#). In this area – light reaches its normal steady state speed. In this hypothesis, it is believed the steady state speed does not rest at that speed but again after each second thereafter the photons begin **accelerating (double speeding)** an additional 186,000 miles per second (MPS) to 372,000 MPS. Light coming from discrete packets of sub atomic particles from atoms are a part of the electromagnetic force ([SEE PAGE 15](#)) and reference. It is further hypothesized by the author light photons are propelled forward by the mediating + positive – negative energy opposites (electrons, protons and neutrons), that are within the discrete energy packets. That rapid mediating between the sub atomic + - opposites gauge force carriers provide the propulsion force for the photons. Upon reaching the new speed, again, the next second the latest new speed does not rest, but accelerates another 186,000 MPS to 458,000 MPS continuing this pattern for eons, but never increasing **incrementally** each second faster than 186,000 MPS.

Previously It has been hypothesized as light speed changes, polarities of the atoms change. Assuming that is true, it is theorized by this author, changing polarities of the atoms may cause development of new life forms, environments, colors, sounds, all adapting second to second to their changing environmental needs. After billions of years of light speed changes, variations of life forms and environments throughout our universe would be astronomical. "BIG BANGS" and life would continue as infinitely.

Plant life.





**UNLOCKING THE SECRETS OF THE UNIVERSE AND INFINITE LIFE REVISED**

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[TABLE OF CONTENTS](#)

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**LIFE RENEWAL (CONTINUED)**

Whatever the speed of light is outside of our solar system, when its traveling or any particular point is reached outside of our solar system, times on earth will continue progressing as usual because times on earth are based on movements of planets within our solar system.

End of all life on our earth and throughout our universe.



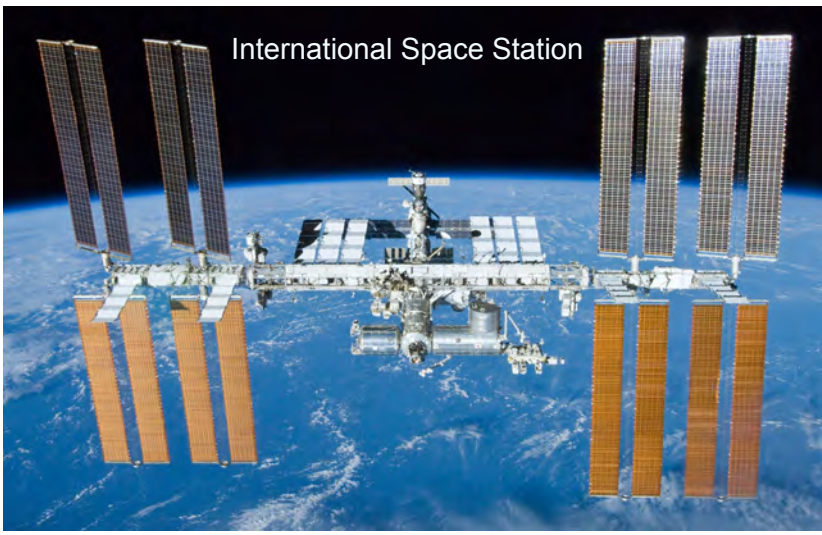
Doomsday. Image Credit: Astronomy/Roen Kelly



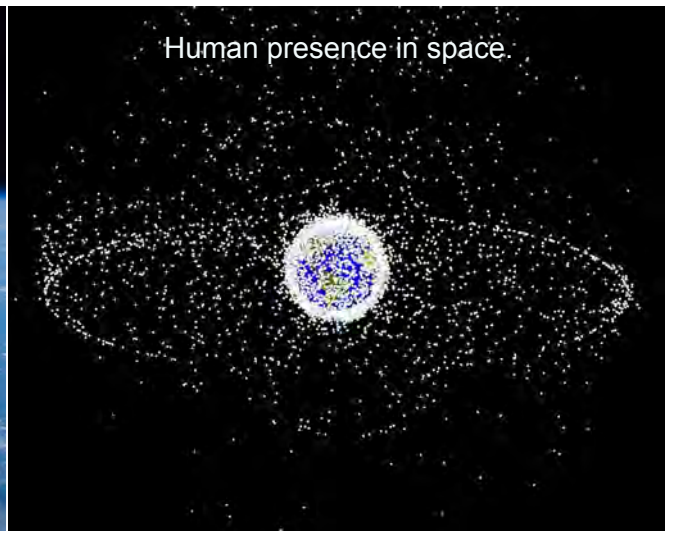
## DOOMSDAY

That hypothesis **MAY** account for as to how our universe is rapidly expanding, accelerating as it is increasing the light speeds faster than the imagination can comprehend, literally illuminates its past presence with life. Because the universe is so large and the incremental double speeding of the increasingly rapid expansion of our universe will make future predictions of the initial time of universal conception and the previous number of “Big Bangs” since, difficult to predict, ([see pages 30 & 31](#)). Aggressive development in science may foretell the answer to that significant question.

While these things are going on in deep space, on our planet earth, life continues as usual. Whales swim in the oceans, cows graze in green pastures, students play violins for their teachers, all unaware of the changes that will happen soon. Finally, after billions of years between “Big Bangs”, the latest “Big Bang” occurs. It will be many times faster than the speed of light ([see previous page 32](#)) ...encompassing our entire universe. On our earth, all life will be over in an instant. At this moment however, all the planets, stars and everything in the entire universe are swiftly moving along, (faster than the speed of light, [see preceding page](#)) our earth will be sucked up in the swirls and pressures of that vortex , explosive mix and heat from the “Big Bang” and completely dismantle all atoms from all types of life past and present into subatomic particles. After the “Big Bang,” it will be an end to all life and everything in the universe. Ourselves, the teachers, students, cows, and whales will cease to exist and a record will not be available as proof anything ever did exist. Now their dismantled atoms (subatomic particles) are on their way, traveling along their great curvilinear journeys, returning ... to the starting points they left billions of years earlier. Once there, they will recombine, formulate and eventually new life will reemerge. [Please see “Big Bangs” pages 24 through 28.](#) From the moment of their dismantling through their recombining into new life, **to them** no time will be lost because they are not aware or conscious. That pattern of **life** exists and will continue infinitely.



International Space Station



Human presence in space.

Life mosaic



## EPILOGUE

As a life-form we populate this planet, coexist with its inhabitants and accept all of it as absolutely our own. We have our likes and dislikes, traditions, excesses, strengths, weaknesses and depend on each other and our planet to survive.

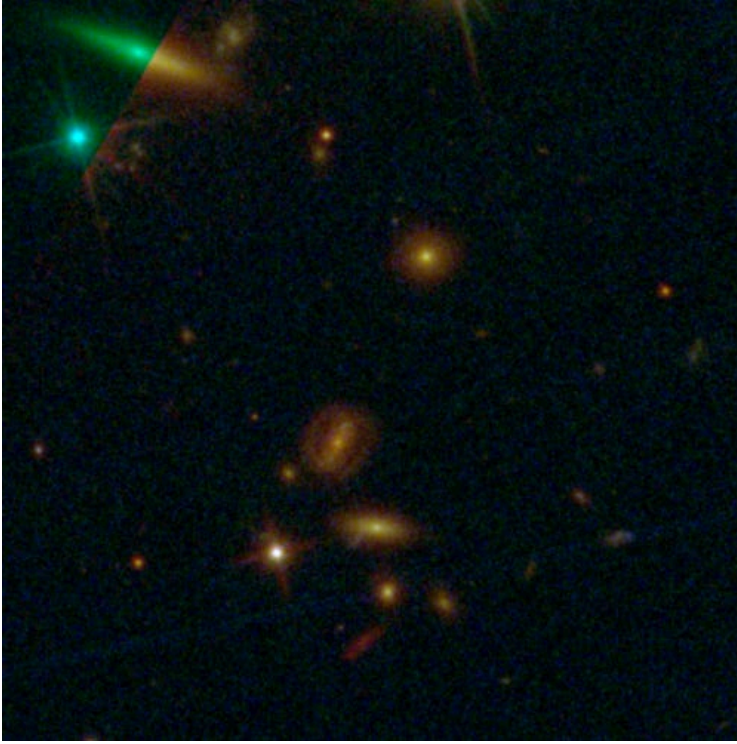
Most of the things that happen we accept without question. Normally, we reconcile our beliefs, hopes and desires commensurate to our expectations.

**Throughout our universe, everything we know of, all life, light, gravity, time and the universe itself is the result of natural selection between + positive and – negative intelligently designed energy opposites (see page #4).**

As the universe continues to expand, the planets and stars change similarly. Because the universe, planets and stars are so large the changes that take place on the planets and stars seemingly happen very slowly. As those changes take place, we (man), lesser creatures and plants must change or evolve to accommodate those changes accordingly. Only the fittest animals and plants survive the evolutionary process. Because of our superior progressive intelligence (ability to learn, remember, reason and apply...) survival instincts and physical prowess we, in the past, have been able to adapt and evolve with little noticeable change. Lesser creature's lower intelligence, reasoning, physical prowess and survival instincts evolve too, but at a much slower pace. If lesser creatures and plants are unable to keep pace with changes in evolution they become extinct.

The last "Big Bang" was close to 13.798.000.000 + or – 0.37 billion years ago. <sup>46A</sup> Our Earth is 4,500,000,000 years old. <sup>52A</sup> Beginnings of humans came into existence 6,000,000 years ago, modern man 100,000 to 200,000 years ago. <sup>53, 54</sup> Since existence of earth 4.500.000.000 years ago <sup>52A</sup>, due to diseases, famines, wars, asteroid and comet strikes, **many type varied civilizations could have come and gone.** <sup>55</sup>

Deep space image differences between the new James Web (RH) & the old Hubble Space Telescopes (LH)



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## EPILOGUE (CONTINUED)

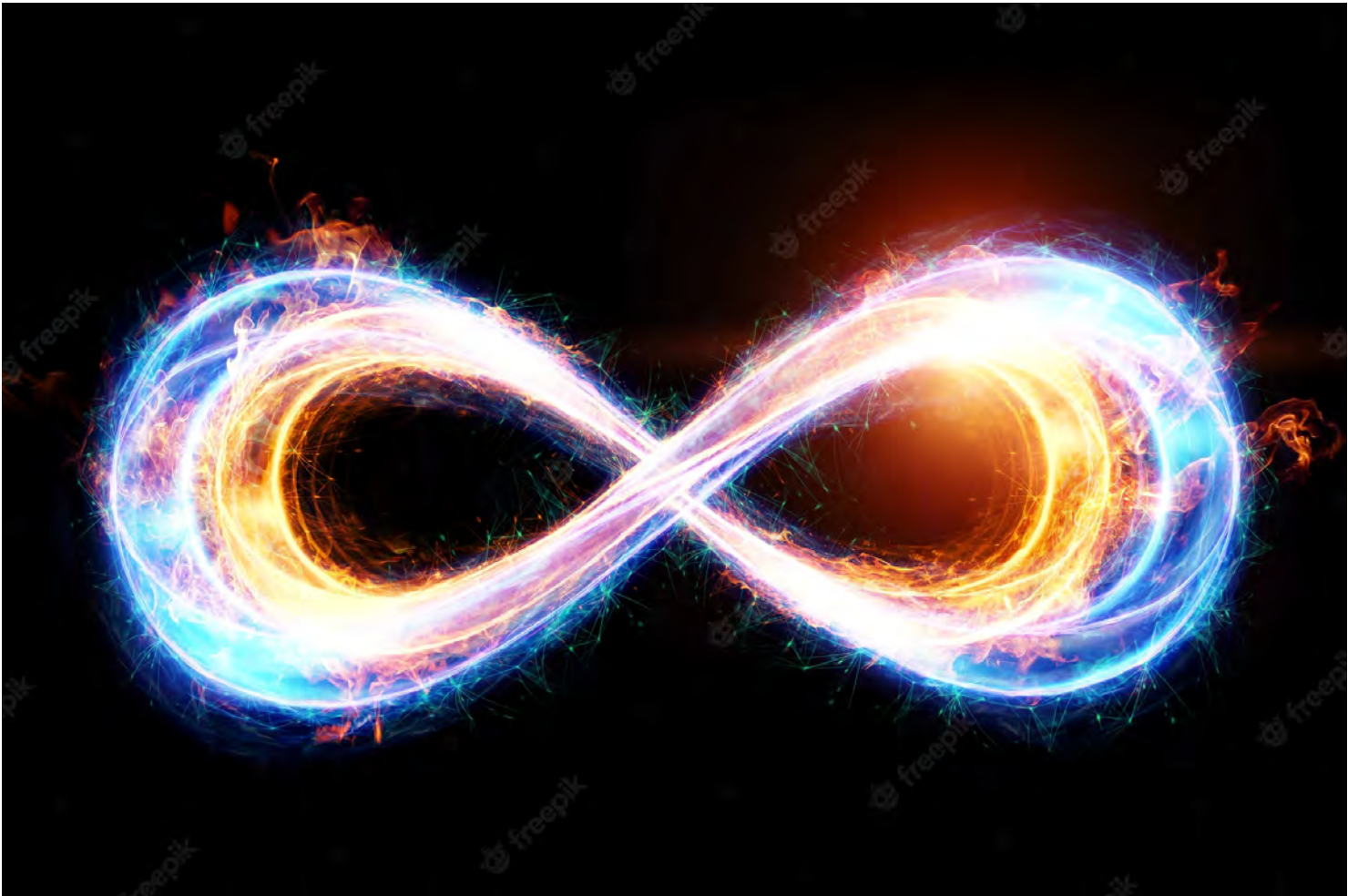
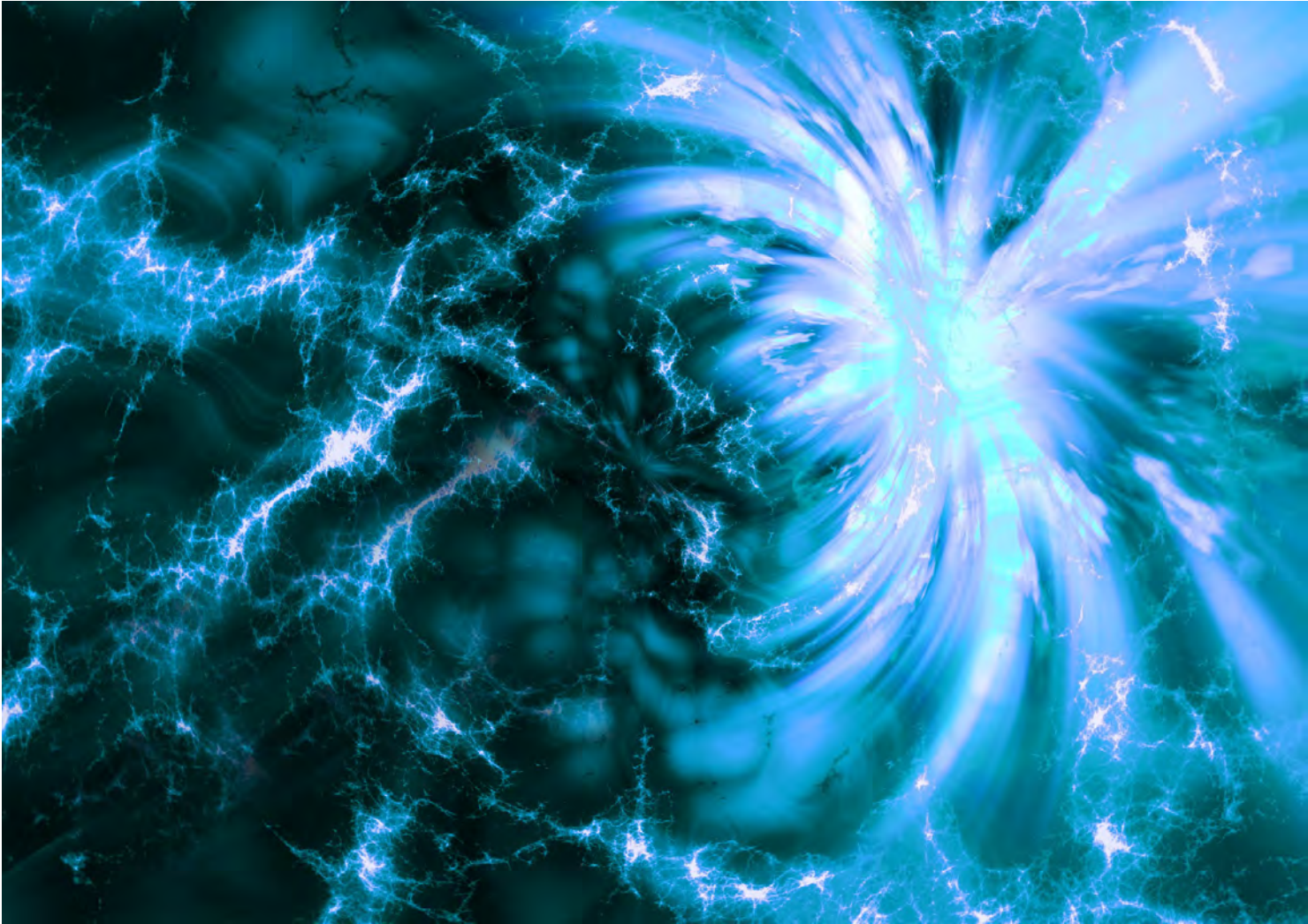
It has been a challenge to learn of the events of what may be how the “Big Bang” works as a catalyst together with the universe to perpetuate infinite life.

For the fragile chain of events as depicted in this hypothesis to materialize are slim. It's like grabbing at straws. From what has happened in the past, what is presently known and what is projected, presents only a narrow margin to go on. It's going to be a busy and tough road ahead for scientists.

It is very unlikely and unfounded to believe we are the only life in our universe. Many parts of this hypothesis have advocated how it may be possible that with the curvature of light and atoms, life may exist infinitely everywhere environmental conditions permit. It is expected and natural that life exists in every place possible throughout our huge universe and not just this tiny spot.

Scientists of cosmology and astrophysics through their aggressive and unrelenting work are finding positive ways to determine why and how our universe exists. If successful, it would be a great revelation for most of us to become aware of all the benefits of those endeavors. In any case, hopefully, this hypothesis can help them get the support they must have for what lies ahead while preparing for our future. It may further help all of us survive to understand our origins, purpose and infinite life.

Infinite Big Bangs





THE INFINITE

Does the perpetual existence of the physical birth of each man, throughout the occurrence of endless “Big Bangs” fulfill our expectations of infinite life, or is it possible at the end of a physical life an infinite spiritual life will follow? That is a very important question for all of us. It is a new approach, complex and may be difficult to accept. Though I don’t know the answer, I don’t know anyone that does, but there are two replies to the question. **The first reply** to the question is that it is a worldwide issue. Many individuals have their personal traditional beliefs, **which are unproven** but, they are satisfied with them and the majority of those persons are not interested in changing their beliefs. **Structured socialized camaraderie in faith is a good thing. It prevents wars, promotes peace, harmony, and life in our world.** **The second reply** to the question is; everything that exists is a result of cause to be by natural selection between + positive and – negative opposites, their composition of life’s creations with relative-contrasting confident + positive and – negative values, that intrinsically create conscience (empathy) in animal life and conscious in plant life (survival awareness). The absolute supreme structures of the atoms accommodating constant changing life types compatibilities in our flawless, perfect evolving universe, may follow the path of light as related in this hypothesis.

Is a combination of both the **first and second replies correct? Our creator knows the answer to this very special question.**

Presently no special scientific research has determined how our life with a conscience and soul or plant life with survival conscious originated. Our creator left some clues that may guide us but it is doubtful we will ever have success in making a positive determination of our origins. We definitely want to know how our lives started and have discovered many secrets of atoms and how use of them. Looking ahead into our future, we may eventually find a way to conquer unlimited energy supply from nuclear fusion, extreme fast space travel, astroid avoidance, successful large scale ocean water purification program and developing extensive multiple, wide-ranging high capacity water purification facilities, capable of returning waste water into clean potable drinking water at production centers strategically located throughout our world. With those wonderful things, it’s unknown if we will ever be able to reach back into the creation of our universe to find how our life originated. If previous or continuous “Big Bangs” existed as mentioned earlier in this hypothesis, our speculation that “Big Bangs” occurred because “Double Speeding”(see page # 31) of light photons could undermine our ability to determine our origins. Multi “Double Speeding” time differentials increasing the possibility Infinite “Big Bangs” would greatly diminish our attempts to track the precise time and location of our beginnings to observe and record how our creator originated life. We have the innate driving force and beneficial discovery but we must consider that even if we did find our origin's location, there is nothing we can do to make anything better than what we presently have. Our creator gave us all the tools, abilities, hope, and hunger to use our knowledge to accomplish whatever we will need to answer all the challenges necessary to maintain any eventuality for our life and survival. Use of astrophysics, cosmological sciences, artificial intelligence, new metals able to withstand extreme temperatures, new medicines, technologies, lubricants, and fuels can be directly or indirectly attributed to the pursuit of space exploration to determine our origins.

In this hypothesis If future successful advances in Cosmological sciences and Astrophysics made it possible to successfully enter into the area of our very beginnings searching for our origins no image of GOD our creator would exist. The visitors would only see from an unknown source an infinite supply of naturally occurring +positive and – negative energy opposites coalescing for atoms to make life. [For more information on our origins please review INTRODUCTION pages # 4 through 7.](#)

A very thin line exists between facts and faiths. Life is incredibly perfect and precious. Its existence, reasons and commitments are **INFINITE.**

With the things we want and expect we must be realistic, honest and condition our hopes with truth and gratitude and give thanks to our creator we exist.

Astronaut in outer space - observe no life line



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Astronaut in outer space



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Our earth at sunrise



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Neil Armstrong, The first man on the moon





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Astronauts working in outerspace – *Image credit: NASA*

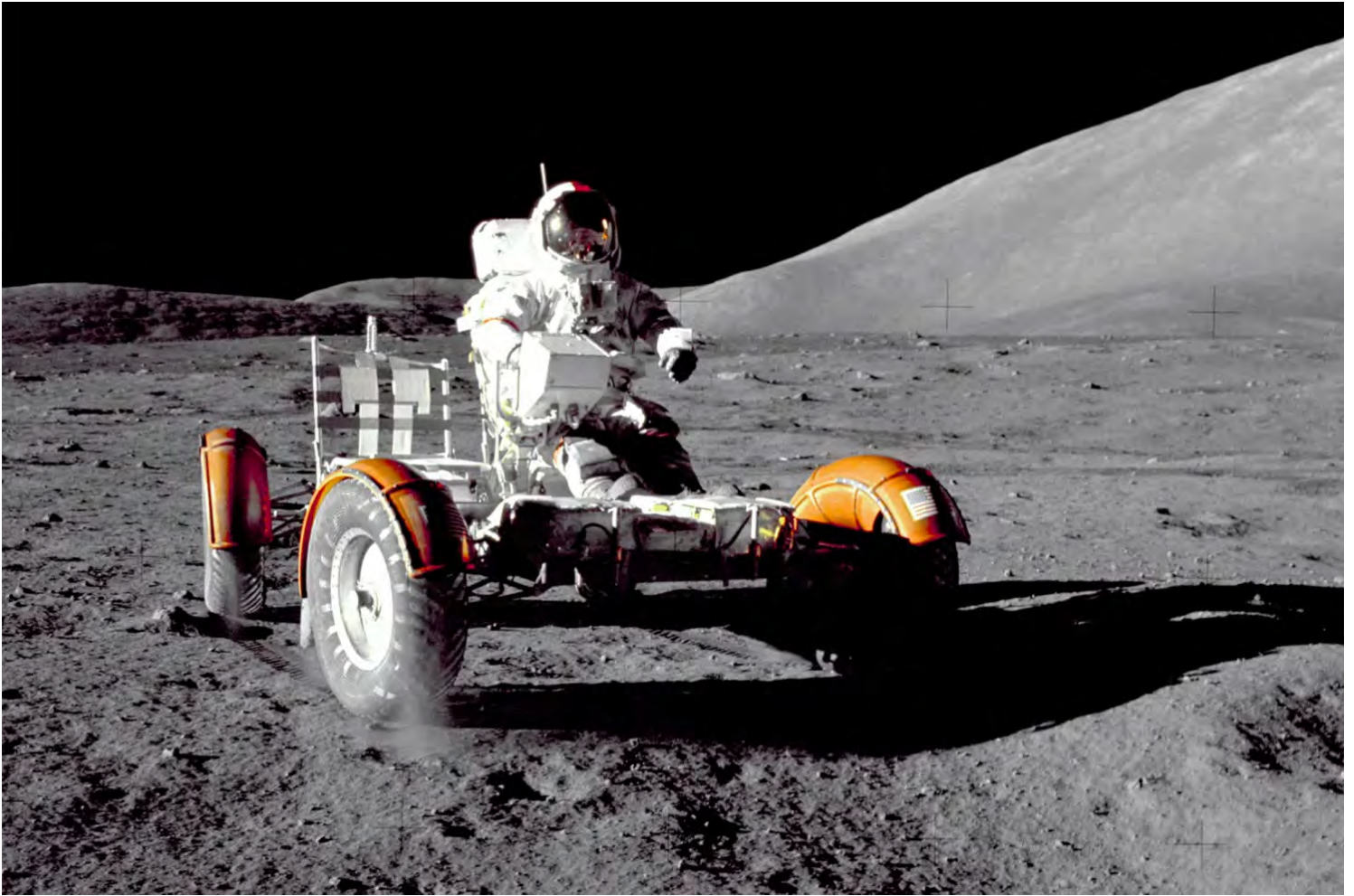


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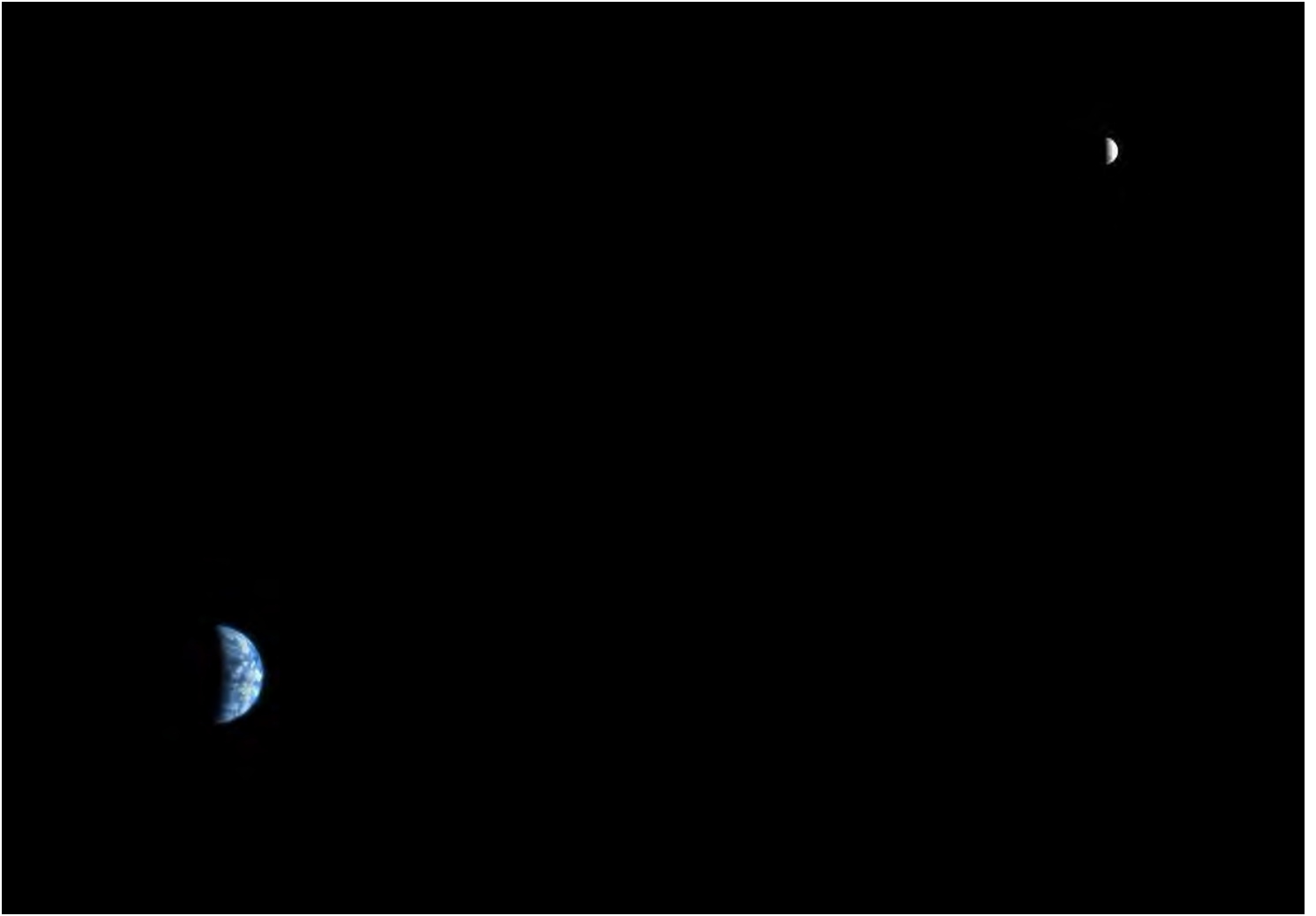
Moon Buggy – *Image credit: NASA*



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The Earth and Moon as seen from Mars.  
*Image credit: NASA/JPL-Caltech/University of Arizona.*



**UNLOCKING THE SECRETS OF THE UNIVERSE AND INFINITE LIFE REVISED**

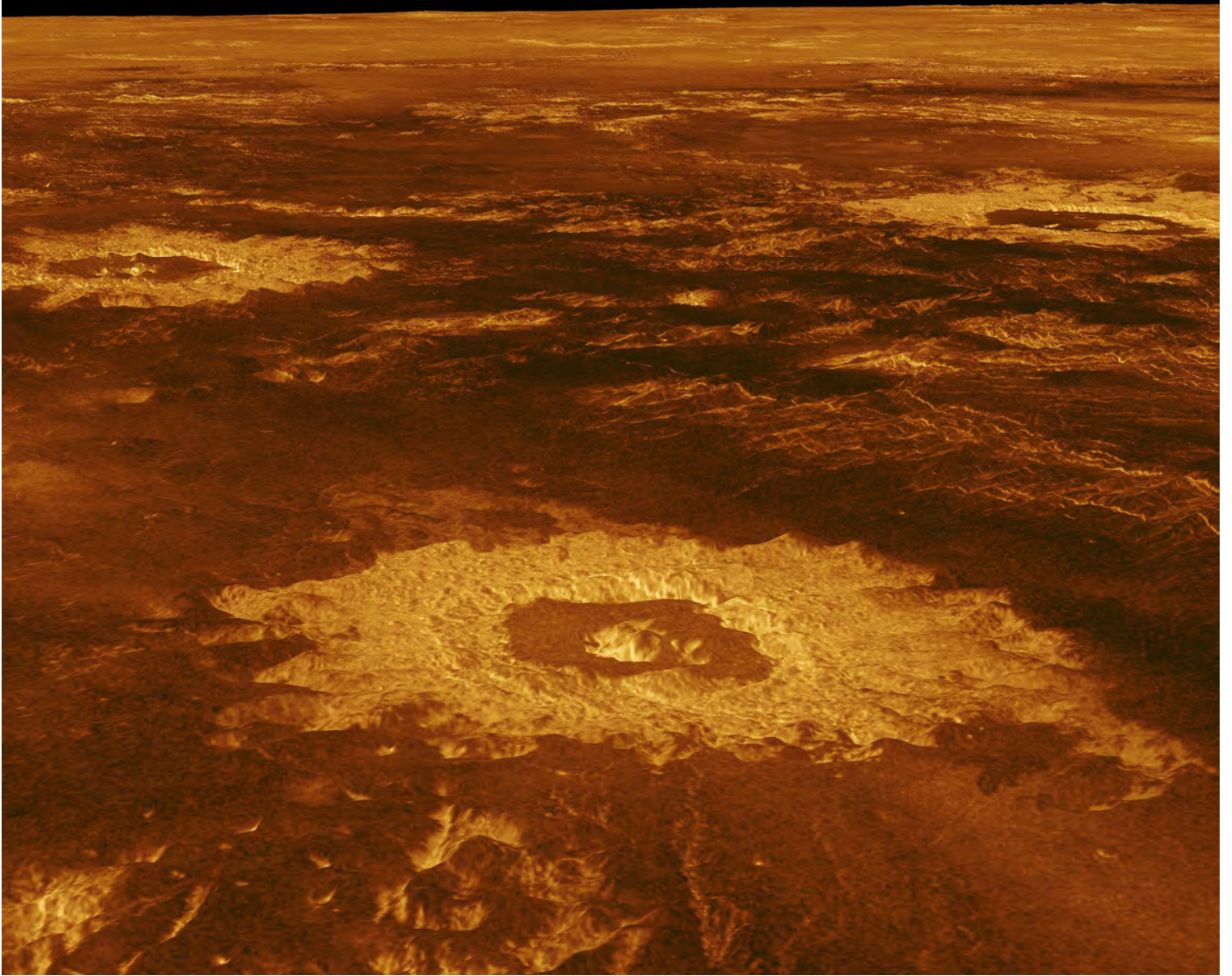
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Surface of Venus





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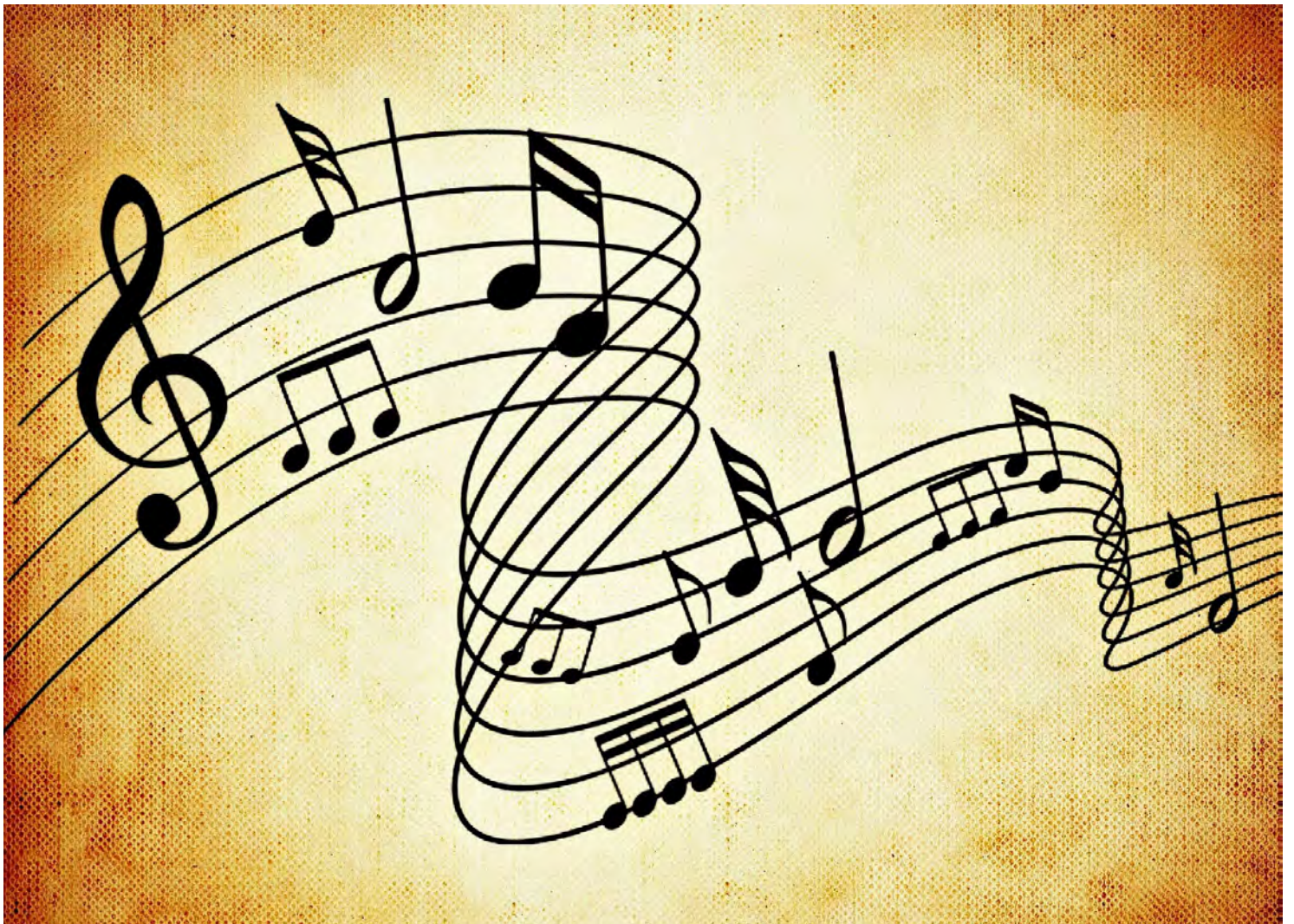
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Music for all life throughout our universe



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- **Music is a composition of sound opposites + positive and – negative.**

[Goffrey V. Wolfe](#)

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**End Of The Hypothesis**