

The Physics of Our Galaxy

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Opinion

How Stars are formed? At the center of the galaxy we have what is referred to as a black hole. I would describe it as a proton star with similarity to how a stars mechanics work only in the opposite way. Because of the negative polarity protons flow in and are converted to electron. Since cold flow with proton a black hole is super cold and unlike stars there are no gases flowing from planets to burn on the surface so no photons leaving to make it shine. However, it does have highly charged particles that are created by the stars in the galaxy flowing into it where that energy is being used as cold fission energy. How the stars turns space dust and particles into highly charged radioactive particles? The combination of intense heat and electrons flowing to the core coupled with the intense pressures. This creates a naturally occurring electron ion colliders. Much like the experiment that have produced Lawrencium, Nobelium, Rutherfordium etc. These highly charged atom are unstable when first released from the sun, with a positive charge repelling them from the Stars. Then falling back to a stable state or make up as they make their way into an orbit to start forming new planets. As those particles are discharged and depleted they are released back into the galaxy as dust. That cosmic dust accumulates and as protons flow in towards the black hole and electrons flow out they start to swirl similar to the clouds in our atmosphere. when there is enough material floating around it will start to form its gravitational pull pulling more matter in. as the magnetic pull of the electrons and protons grow they eventually create a Quasar. A Quasar is when the gravitational force is so great that electron and protons start to fuse in the center creating neutrons. These neutrons are jetted at almost the speed of light in both direction. Neutrons only last about 14 seconds before they slip back into electrons and protons again. As the gravitational field grows past the distance of where the neutrons start to separate a new star is born. And its polarity shifts to positive and begins pulling back in the electrons and converting them to protons at its core. Then it start to begin building high energy particles out of the spent material flowing out of the (Black Hole) so planet building can begin.

How planets are formed? The sun releases charged particles that start to accumulate outside the Sun atmosphere somewhat like a cotton candy machine that continues to grow for billions of years. The sun is a giant isotope collider that when the particles are released are sometimes unstable. As it grows the cores breaks down from high energy mass (Uranium) until eventually developing into a solid core of iron, nickel and other metals. Still surrounded by newer higher energy materials that are still in a fluid state. That material start to flow around the core as the planet begins to rotate as it orbits the Sun. Then a magnetic field starts to grow. The planet begins to take on a negative polarity pulling in protons still growing in size. As gravity increases more protons flow to the core where they are converted to electrons and flow away from the planet. As the pass through the fission materials the magma is super-heated because uranium acts like a filament when energy is passed through it. When you have fission activity helium is release. Now you have a young planet that is starting to feed the Sun. that is where Mercury is in its development. Then billions of years later more materials from the Sun collect growing the planet to the size of Venus where the rotation has increased generating a stronger magnetic field with a slower orbit. That stronger field means more gravity also now

there is a crust on the surface that decomposing material are pushed to the surface by the heavier elements. Those materials allow for more elements to be created such as hydrogen, oxygen and other gases. Now we have an atmosphere developing. Billions of years later we come to Earths development that at current acceleration away from the Sun puts the planets age around 980 billion year however that is from the surface so probably could shave several billion off that number. Also it is very possible that acceleration has slowed over time since the Sun has moved out from the center of our galaxy because all body are expanding in the universe. Earth was most likely covered completely with water at some point until our moon which is just an old planet from our solar system that made it past the suns accretion disc that ends between Neptune and Pluto where the magnetic field lines start to separate and the planet start to develop an elliptical orbit and start to decompose. When the moon collided with earth best guess Antarctic it cracked the mantle releasing lave to flow creating the continents we have now. Those cracks still remain in the crystallize carbon and aluminium oxide that held the magma in place. As the crust move across the mantle weak point allow the magma to escape creating new islands or volcanic activity.

65 million years ago our planets gravity was not as strong as today. Days were longer and the years was shorter. Moving out to Mars roughly 65 million years ago had a similar fate only it was a more direct hit doing far more damage to the planet leaving inhospitable. Sending large amounts of the planet in to space creating the asteroid belt between it and Jupiter. Before that it was probably similar to earths make up now. Jupiter and the rest of the planets have developed into mostly gas filled atmosphere. With the faster spin of the gas giants the winds also accelerate to the point that sand and dust are lifted into the atmosphere. The core and magma heat warming the planet releasing gases to mix in the atmosphere creating a toxic acidic mix breaking down all element on the surface and in the atmosphere. This acts as like a river in the sky scrubbing the surface of the planet for billions of years growing the atmosphere with gas and debris. Though the Jupiter and appears much larger than Earth the actual planet is similar in size. As the debris is turned to dust it is pushed into space where it eventually makes its way back to the Sun to be repurposed. Saturn's ring are the debris leaving the planet as inertia of the rapid spin of the planet and decreasing gravitational pull because the cores depleting fuel and fission energy. Then we get to Uranus and a shrinking atmosphere most of the planets elements have been broken down to dust and gas in the atmosphere. Neptune While still rotating rapidly most of the surface above the crystallized carbon shell has made its way into space. Then

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we come to Pluto almost completely retired from its job of producing the gasses to fuel the Sun begins leaving the Sun's accretion disk. With the surface covered in a powdery dust. The planet will start to float above and below the Sun's accretion disk due to the magnetic field lines separating. With an elliptical orbit like Makemake, Eros and Haumea. Someday passing close enough to a planet becoming another Moon.

The universe is governed by a set of laws that would be most easily described as electromechanical dynamo. There are no fabrics of space and time and they do not weave together and gravity does not bend either of them. The universe is quite linear and continually expanding. Seeing stars behind the sun is caused by refraction. As the Light passing through the sun's atmosphere is bent. With electrons and protons acting like the chains that connect all the cogs in a mechanism. The sun has a positive polarity and the earth having a negative polarity and at the center of our galaxy is what is now called a black hole but is actually more like a dark star with a negative polarity. The black hole pulls in protons and converts and releases electrons which flow out into the galaxy and are pulled into the stars in the galaxy. The ones that leave our galaxy are pulled into the center of our universe by what would have to be something similar to an electron star to be converted back into protons to feed the galaxies orbiting the universe. All working together in a symbiotic relationship. I will begin with earth as the start point since that is what most of us have the best understanding of. Gravity is the result of protons being pulled in by the electromagnetic field created by the planets make up. The protons are pulled in by the accretion discs that exist as a law of physics from the atomic level to the universal level. As they reach the atmosphere around the earth they slow down and start to flow towards the poles. As they pass through all material they create the downward force we call gravity the denser or higher atomic weight the material they pass through the heavier that material will be. When the protons reach the magma, that magma is made up of heavy elements like uranium that they can't pass through, you get a fusion reaction that creates the heat and the by-product is the production of hydrogen and helium. That eventually makes its way back to the surface of the planet. Then off into space where it then is pulled into the Sun. All the different planets streams of helium, hydrogen and methane gas pass by Earth causing disturbances in our atmosphere. They then travel to the surface of the Sun. Creating solar flares by heating the gas in the atmosphere at the sun igniting the gas before it reaches the sun. Those same jet streams also pass by other planets on their way to the sun. When they pass by earth in the northern hemispheres summer because of the tilt of the earth's rotation in relation to the sun they push the warm air south of the equator north and warm the northern hemisphere. The northern hemisphere tilt toward the sun in the summer also receives more direct energy from the sun. Coupled with the extra fuel reaching the sun during the summer month heats the planet even more. The northern hemisphere has 68% of the land mass of the earth that absorbs and stores the energy causes a warming of the planet overall temperature. As the other planets orbit the sun to the winter months of the northern hemisphere the opposite happens the warmer air is forced south of the equator as well as flowing over the north pole pushing the polar vortex further south as well as the jet streams that circle the earth. The other planets orbit the sun Jupiter 12 years, Saturn 29 years, Uranus 84 years, and Neptune 164 years giving us a warming and cooling trend that last roughly 100 years with some variation. There are also vortices created as the protons flow away from the sun and the electron flow towards the sun they radiate both directions from the planet they pass. Creating disruption in our upper atmosphere changing our jet streams. The big bang theory shares similarity to how our universe in the sense that it is expanding and started at the center of the universe. An example of how

of how a star is created you start with a cloud of space dust the protons flowing one way towards a black hole and the electron flowing away slow down passing through that cloud and they start to interact with each other through magnetism eventually starting to swirl into a vortex that becomes a quasar as the gravity and heat grows the protons and electrons combine to make neutrons that are shot out in two jets from both sides. The neutrons eventually separate and go their own ways if the field of gravity grows large enough. The electrons will create a continuous loop and a star is born. The star then pulls all the material from the cloud and converts it to energized particles and expels them where they start to form a new planet. As that planet starts to form near the sun over billions of years growing larger at the center the core through radioactive decay will become a ferrous material causing it to rotate as electrons being pulled in by the sun pass through. As the planet grows and develops its own magnetosphere traveling farther away from the sun its orbit slows and rotation accelerates increasing the gravitational forces. As it continues to move farther from the sun the surface starts to cool allowing the crust to develop. Then the magma flowing between the core and crust helps to increase the magnetic field generated by the counter rotation of the crust and core against the magma flow. As the protons flowing through the magma uranium rich flow creating its own fusion reactor. The heat and pressure start to build the crystallized carbon and aluminium oxide shell to contain the pressure and heat. By this time hydrogen and helium and other elements are being created and starting to feed the sun with fuel. And a new planet is starting to form this process continues building the solar system or inflation as the planet move farther from the sun they continue to go through the processes as seen in our solar system. Slower orbits faster rotations going from water covered to gas eventually as they get farther from the sun with less energized particles reaching them they begin to shrink and turn into the comets floating through space. The same process works at the galactic level with black holes being created in a cloud of space dust only with the negative polarity making it a proton star pulling in the protons. That is given off by the electron stars created around it. The newly formed young stars being created and expanding into the galaxy giving the inflationary signs talked about in the big bang theory. About 4.5 billion years ago the surface of our planet was covered with water. Then our moon is a dead planet form another solar system. That struck the earth at where the Ross sea in Antarctica and cracked the crystallized carbon and aluminium oxide that held the mantle of the Earth together. This caused the magma to flow from the cracks running from the south to the north poles. The magma being forced out created the land masses and mountains along the west coast of North and South America and Africa and Europe as seen in the crescent shape of the continents. Australia as seen by the crescent shape facing south the flow was to the north all the way over India. Then the shock wave through the planet created the largest volcanic eruption on the opposite side of the planet in what is now known as Greenland. The impact tilted the earth's axis as well changing earth's orbit around the Sun to a more elliptical orbit. The surface of the planet after the lava flows cooled gave us the continents we have now. Then the crust continued to slide westward over the mantle with the lava flow occasionally breaking through the crust to form islands in the oceans. Then around 65 million years ago another runaway planet slammed into Mars that had an atmosphere similar to earths but because of a more direct hit that destroyed a large portion of the planet as well as its atmosphere. The impacted planet is sending large chunks of the planet into space. That is the debris that created the asteroid belt in Mars orbit. Some was sent toward earth creating massive tidal waves as well as several volcanic eruptions scorching the earth surface. The cloud cover and ash caused a freezing of the planet's surface

for months. All the dinosaurs that relied on the warm humid planet died off. The creatures of the oceans were able to survive under the ice. The Earth has slowly returned to a more circular orbit and the temperature began to stabilize through the years without the hard freeze in winter. Also that is why there are so many craters on the planet in our solar system. Our atmosphere acts as an electrolyte so the transfer needs a conduit in which to flow. You can see the effect of electrons and protons as they pass through cumulonimbus clouds. The electrons flow to the top of the clouds and the protons flow to the bottom of the clouds creating an imbalance that is generate a static shock or (lightning). or in the case of a tornado They will start to create a horizontal vortex in the clouds then when above land because electrons do not flow as freely through ground the vortex is pulled to the ground by the dominant force of the protons and will track to the northeast the natural flow of gravity. When over the oceans where electrons flow more freely the vortex grows much larger before going vertical. Then a hurricane is formed and flows more westerly until it reaches shallower waters and turns north or makes landfall and dissipates from the imbalance of electrons and protons.

For those of you that thought rotation generated an electromagnetic field, not a gravitational field. They are one in the same. In a magnet, electrons and protons form a continuous loop in opposite direction with protons the force and electrons the current. On a planet there is no loop the protons or force are converted to electrons at Earths core and flow off the planet. Earth has a negative polarity that is why protons

are pulled into the planet. Since electron cannot expand in a solid all solid object are pulled to Earth. When converted to gas and heated they will float off the planet. Like a hot air balloon has lift. Some gasses have a negative polarity like Earth. Helium hydrogen methane Carbon monoxide, they leave the planet then are pulled into the Sun because of its positive polarity.

How lightning is created? Protons are pulled to Earth by its magnetic field then converted to electrons at the core of the planet. As the protons and electron flow through the atmosphere, that acts as an electrolyte or resistor slowing the current. When high levels of moisture or even dust clouds are present they form a type of conduit in which to flow freely. You can see the effect of electrons and protons as they pass through cumulonimbus clouds. The electrons flow to the top of the clouds and the protons flow to the bottom of the clouds creating an imbalance. As that imbalance builds it generates a static shock or (lightning). That is why the highest point on the ground is most susceptible to lightning strikes. Especially when they are highly conductive. The shortest distance from the cloud to the ground. As long as the highest point is grounded to the most conductive place on earth IE wet iron rich or other conductive soil. Lightning will travel sideways looking for the best release point. Also if there was the same amount of clouds everywhere on earth the lightning would strike at the same time all over the planet. Because of the magnetic field frequency that pulls protons to earth is at about 8 MH. It would charge the clouds evenly until they reach capacity to fire the static release, if all things being equal.