

Creating Knowledge Part 2: Life, the Universe and All the Rest

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FR Ladies and gentlemen, it does not look good.

We are not better off.

Well, it may be true that mankind has eradicated diseases, that infant mortality has fallen, that life expectancy has increased, that the world population is growing steadily, that technical and medical progress has made it possible for a significant part of mankind to live without hunger and in relative prosperity. Nevertheless, just look around in your own environment; do many of your fellow human beings have dark circles under their eyes, headaches, sleeping disorders, depression, a high level of sickness at work, are tired, unhappy, stressed? Has the scourge of war stopped circling the globe at some point? Is humanity still capable of past achievements in culture, philosophy, architecture? Do we actually do anything other than struggle through a gruelling day at work and then through our daily lives? ARE we really healthier? Is humanity on a good path to peace, understanding and flourishing?

As I said, I'm afraid it doesn't look good.

In many preliminary discussions for this programme, Mr. Lachmann and I have decided to introduce you to some thoughts that discuss very fundamental issues.

Hoping to feed some open minds and souls with the information you may just need to rise up, welcome Florian Reiterer and:

SL Sylvio Lachmann

FR to the second part of the series Creating Knowledge on Mother Earth Radio.

Life is usually associated with consciousness. Being aware of oneself is then further evaluated as evidence of intellect, for example in primate research. Cat owners speak of family members, the dog is the most loyal friend for many. But trees are also living beings, they have life in them, some say; and the amateur gardener probably speaks of his flowerbeds in the same way.

Stones, however, really do not deserve the status of living beings; no movement, no breathing, no consciousness can be detected. Mr Lachmann, how is "life" actually officially defined?

SL Not at all! If we look in Wikipedia or in any encyclopaedia today, and we look for the definition of the word life, then all we really find is a breakdown of the characteristics of life. So metabolism, reproduction, movement, irritability

and growth. These are characteristics that do not define life itself, but only the features of it. In fact, we do not have a definition that would be rational in order to somehow present this life to us, to be able to imagine it. It is all rather vague.

FR We think that the term "life", if it were neatly outlined and defined, humanity would not behave quite so contemptuously of life as it does.

So, let's stalk it:

Life on this planet has formed on the basis of carbon. Why carbon?

SL Carbon is the element par excellence that can combine with other elements the best and the most. Carbon is able to combine with a maximum of four elements at the same time and can thus produce the most molecular compounds in nature known to date.

FR Again we are with the elements. One element that you, ladies and gentlemen, are rather unfamiliar with is element 0, the first in the periodic table. It was removed from the physics books about a hundred years ago. There is a lot of debate about this, including what the thing should be called, and whether all the physics greats of days gone by who reckoned with it might really have been superstitious lunatics.

Now I would like to suggest to you, and also to you Mr. Lachmann, that you look at this for the next quarter of an hour from my point of view: complete cluelessness. In any case, I am willing to accept that below perception there is a fundamental element, finer than air, and I suggest we give it the working title: "Something".

This something still exists in today's physics, the emptiness of space is probably too heavy for there to actually be "nothing", there must be "something". One probably calls it dark matter.

In any case, it is assumed that this something also causes the atoms to form the elements, and we can observe the results of this action everywhere. And the amazing thing about what we see is that we can always see vortex-shaped structures. How can we imagine the structure of this?

SL At the present time, Mr. Reiterer, we are looking at the material things that we can grasp through our sensory levels, and in the last few decades we have produced a number of measuring instruments, analytical devices, in order to be able to considerably expand our sensory inputs. So we can go far beyond the level that nature has given us and now analyse things that we could not analyse in that way. But the whole story is a crux. We now know the states of aggregation of the elements, we have the solid elements, we have the liquid elements, we have the gaseous elements. We cannot see the gaseous elements. We know they are there, we breathe, so we know we breathe gas, we can analyse these gases and so on. But what possibly comes before the gas? Is there anything there? Are there states of matter

perhaps that have so far been closed to us? I think so. And that this atomic level is even further down. And what is it now? Are they really particles? What is a particle?

Now we come to an explanatory model that has been doing the rounds in physics for a long time, that is vortex physics. And this vortex physics says that vortex structures exist in different orders of magnitude. Yes, that an atom itself is a vortex structure! And this vortex structure must result from the fact that something is vortexing, so I need some medium where a vortex can develop.

FR ...the medium...like the water in the bathtub where the suction then creates the vortex.

SL That's how you can imagine it. And the whole thing used to be explained by the aether theory, now the "H-ether" is haunting some renegade physics departments there; and "H" not for hydrogen, but for "holographic" and "hierarchy". I think the little word hierarchy in there is particularly valuable. These basic structures that have eluded us so far are possibly whirling. And these vortex structures are again embedded in other vortex structures and so on and so forth. So vortices feed other vortices, which in turn generate larger vortices, and the whole thing is, so to speak, nested and fed back into each other. So there is an origin here, something must have started somewhere, and the first vertebra produced another one and this one divided again, producing sub-vertebrae. In other words, each vertebra has parents, which in turn have parents, if you look at it that way, and they get the information from their front structures, so to speak.

FR It starts at the very bottom of the human being, that you see that the DNA, the inherited information, is also a spiral, this double spiral helix.

SL The interesting thing is that we find these vortex structures everywhere. Just in DNA, and then in physics there is this so-called photophoresis. Particles are brought into a chamber where there is a vacuum and then the whole thing is illuminated with light, so to speak, and then you see that these particles move helically!

If the particle itself is really a vortex structure, then we can see two levels, two nested levels: the particle itself as a vortex structure, if we zoom in, we would only find the image reduced in size, so to speak. That there again vortex structures form vortex structures.

And this particle in this chamber spins or moves helically, or many particles of it, that is then the next level, the next hierarchy, and so on and so forth. The whole universe can be imagined as an infinitely large vortex structure.

FR And it's also, I think, obvious when you start at the bottom, I say at the bottom, it goes down and down, but when you look at the DNA and then you

look up and up to the way a solar system rotates in the galaxy and the galaxy rotates through the universe; you definitely see that there again I think.

SL You can see this in an excellent way with the celestial bodies. We always look at the movement of the planets around the sun in two dimensions, so everyone has the image that something is somehow moving around the sun. If you look at it in three dimensions, you see that the sun, which is itself moving around the central sun, and the planets that are not moving directly on an axis around the sun, but are whirling behind the sun, so to speak. And the whole solar system also makes this movement again. And these galaxies, you can see it wonderfully. For example, with the spiral galaxies. If you look at the extension of the arms, they end somewhere in the supposed nothingness. But if you follow these arms inwards, you see that there is a compression, and inside you see this centre. Which is very bright. So something is being sucked in, and where does that come from if the universe is empty of matter outside? What is being sucked in there, what is being formed from that something, what is actually happening there?

And that is the interesting question, a vortex has to be maintained, it has to be fed, it needs something to suck in, and in the case of the galaxies it looks like something is being sucked in there that we don't know yet! And that on the one hand is now called "H-ether", whoever uses the term in the physics community is laughed at or thrown out, and at the same time the physicists of our time are looking for black matter. So there is a complete contradiction here.

FR I read that our physicist-pop-star Einstein called for the reintroduction of the ether in an essay as late as 1920, but somehow he didn't get the same publicity for it. Well, there's no business like show business.

In any case, vortex physics! I don't want to go into this in depth now, but I would like to illustrate it a little; we have already heard about the whirlpool in the bathtub, there are vortices in the air, behind jet planes for example; if you twist a string more and more, you get a giant tangle; you can imagine individual particles on a spiral path or the whole vortex itself, such as the really big things, the tornadoes. Vortices create suction, they fight for stability against friction, there are countless things around us and in us that all grow in vortex-like structures, plants, trees, organs...Mr Lachmann?

SL even the heart, Mr Reiterer, if you open it up and look at the structure, the heart is a long muscle and it is twisted into a vortex. So if you open up a heart like that and then look at the geometry or project it, then in principle you also see a vortex structure. We find these vortex forms everywhere in nature, you may remember, last summer when it was so hot and dry; when you drove across the countryside there, you could see vortex structures everywhere in the form of dust devils. These are these small whirlwinds, these sand trousers, and they were marching across the fields there, you could see very

nically this whirl structure upwards, when they throw straw, grass or sand up into the air, for example, then you can see wonderfully this expression across the hose that this is a perfect whirl. Elsewhere, for example in Morocco, there are even crazy phenomena reported about these vortices, that they possess a certain intelligence, they are also called desert dervishes there, and it is often described that if you get close to such a dervish, they literally chase you!

So what is the bond then? The body, the human being via the aura as a vortex form to another vortex that is moving there in the environment, a networking, so to speak, a coupling to an even larger vortex perhaps even? So all interesting things that you find in nature, Mr. Reiterer.

FR If you ask me, I think it has almost criminal energy to keep something like this from us. The world view that emerges from vortex physics! A deep connection with everything that surrounds me, the whole big thing that is one thing, that is a part of me and I of it.

Well, thank you very much, I'm sure the Pope doesn't like to hear that, this "representative of God" with his little cap or the Imam or Rabbi or Dalai or or or?

SL Yes, unfortunately we are still being taken for fools, that has become the programme over the last centuries, unfortunately also through religion or all these religious currents. Through these misunderstandings we have actually been deprived of access to true nature. I would just like to remind you of the dark times of the Middle Ages, here in these parts, the burning of witches, over 2 million women were burned at the stake who had knowledge of nature, who had access to nature, who knew about these processes, who incorporated them into live. And they have used this knowledge for themselves and also use it for themselves. So in sacred buildings or so this knowledge of vortex physics was also applied, and there we are still kept in check, so to speak. In my opinion, secularism was decisive for this in the past, the division between church and state. In other words, a division of tasks was made, and this also set very clear premises as to who is allowed to do what and who is not allowed to do anything! And we have to come out of this misery through a process of recognition. We can see where we have landed now, and hopefully many good eddies will come to us that will open our minds, that will bring enlightenment, that we will return to a world view where we are connected with nature.

FR ...and not look outwards to something that comes later, that comes after life, or that brings me salvation from outside, I think you have to look inwards to find your salvation. But just as unclear as the concept of life, which is what we are dealing with today, is consequently also that of death. Strictly speaking, it is questionable whether a medical doctor, for example, has any say at all in the question of when exactly a patient's exitus occurs. Is

something an inanimate environment or life? And what about my stone, Mr Lachmann?

SL I would like to stay with organic life for the time being; the physician does not know! This can affect each of you in a very ugly way. If you die today in a clinic, for example, then clinical death is defined as when breathing stops and the pulse stops, that is, when you can no longer measure a heartbeat. And from that moment on, you are also released, so to speak, if you have decided to be an organ donor, for example. Then you come, because these organs, this may sound a bit strange now, have to be very fresh, then the whole thing is dealt with very quickly, and you come to the operating table. You are clinically dead, so to speak, and then you are actually opened without anaesthesia and the organs are removed. And then these patients twitch...so this dead patient, supposedly dead patient, he twitches, he still does something, so there are still very bad reactions to be seen, and why are they to be seen? Because life is still in the body at this moment. Our brain functions still work for a long time, the individual structures, the vertebral structures of the organs still work, the smaller cell functions still work, there is still life in the body. You could say that you are being slaughtered alive. Does this have anything to do with religious rites, one would almost have to ask oneself. Many doctors who were pathologists know this, they have already vetoed it, nothing changes in the situation, so much for this situation, everyone should know!

And in inorganic matter, you have just mentioned the stone, I think even a stone has a kind of consciousness, I wouldn't directly assume life, but this stone is bundled matter from vortex forms, and these are embedded again in larger vortex structures, So there is some kind of exchange, perhaps even of energy, of information, and the concept of life can perhaps be applied there in such a way that one could coin the definition, would have to coin it, that there is life in different gradations, and to explain that with a functionality would be a way forward there. This would also enable us to position an approach, a respect for nature, in a completely different way.

FR Ladies and Gentlemen,
it doesn't look so bad after all.
Everything will be fine.

When you look at it all like this, you can approach the matter with a whole new courage!

The reflections on the nature of life, for example, have brought me to a greatly changed view of the world. And since then I like to thank my father, the universe, for having given the seed for everything, and my mother, the earth, for having then brought me forth; to see, to create, to live.

Mr. Lachmann, thank you very much for this interview, hopefully we will talk again soon for the third part of our series Creating Knowledge on Mother

Earth Radio, we want to talk about water then. Life originated in water, we are largely made of water, and I hope that Mr. Lachmann can give us some very practical tips on how we could, for example, refine our drinking water?

SL With pleasure, Mr. Reiterer. In the course of developing a new source, we are currently very intensively dealing with the topic of water. I have done a lot of research on this topic myself and have discovered some very interesting connections, but I have also discovered that there is a lot of nonsense going around at the moment. The wagon wheel was often invented there for the second time, I'll just mention the concept of hexagonal water, which is actually an old hat with a new brim. And I'm also happy to give you some tips on how you can do something for the water you drink or perhaps use for your plants, and illustrate water in general in a reflection.

FR I still have waiting on the turntable here now, especially for you Mr Lachmann, the Rolling Stones, with the title Loving Cup. At the mike...

SL Oh great! I thank you (laughs)

FR With pleasure! Florian Reiterer says goodbye at the microphone, thank you very much for listening, take care, and you should know, I think Mr. Lachmann can't stand the Rolling Stones.