

# THE BASIC STRUCTURE OF UNIVERSE

By

*Mats Jansson*

[m.j.h@bredband.net](mailto:m.j.h@bredband.net)

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## AT FIRST

I'll begin with an apology for my bad English. I've got very little experience in this language, why you might find some sentences very peculiar. My spelling will probably make some misunderstandings, but I think you'll be able to get my message anyway. I hope you will enjoy reading this and hopefully you can gain something from it to. But now, let's begin.

## BEING A LUNATIC?

How many good ideas have been lost during the centuries? How many people have made a discovery and never dared to tell anyone. Maybe fearing to be called a lunatic. I'm sure there has been a lot of people that has discovered something fundamental good but never told anyone though they were sure that the "true" experiences never would have accepted it. Maybe the discoverer him or herself has thought that their ideas have sound crazy but at the end, they has even so, been convinced that their conclusions were right. A problem for the one who comes up with a new idea is how to tell the world about it. If you suddenly would find out how to construct a perpetual mobile, you can't stand on the Town Square and yell it out. If you could make anyone listening to you, they would probably just shake their heads and walk away. No one would think you were serious.

This kind of dilemma has made me writing this. This is my writings about an idea that sounds crazy the first time you hear it, but I hope that you will read it all, all the way to the end, and maybe find that I might have a point here after all.

What I have done is that I have found out the basics of universe. It's, at least for me, a new way to look at universe. Another way to see things than the way I've been taught to see them. I have discovered a new "truth" but I don't know how to tell about it. How do you change other people's way of looking at the world around them? Columbus, Copernicus and Galilee.

They are some of the famous men that have made revolutions in mankind's way to look at the world and the universe. I'm sure they had bad times explaining their ideas, but at last they succeeded. I wish I knew how they did it. How did they tell their ideas to the ones that were significant for spreading their message? Why did they do it? What made them risking their pride and honor and say things that they knew would make a storm of protests from the ones that already had the "truth" in their hands?

I can answer that last question. Columbus and the others had seen another order of the world and were convinced that they were right. They were driven by the force to tell the world about their discovering. The real truth. This force is enormous and you can see it everywhere in the history. Most of the religions have this force. People are convinced of their true way to look at life and want to tell the rest of the world about it. This force has also stroked me. I have a message to the world but I don't know how to tell it. But I have no wish to convince the whole world about me being right. I just want to make my thoughts heard so that everyone can decide himself or herself if my thoughts have any significance to our further development. Most of all I hope that my thoughts can create new thoughts in other peoples minds, especially scientists, so they can go on where my intellect stops.

When Columbus wanted to go west to come to India, he had a view of the earth that he was quite lonely about. Other people, most of them actually, saw that the earth was flat, and thought that a journey across the ocean only could end with a disaster. They knew what they saw with their own eyes. They saw that the earth was flat and then it had to be that. Columbus saw further and realized that the earth was round. He risked his life to prove this.

I have also seen further. I've seen a universe that doesn't exist in any schoolbooks. I realize how it works and why it's eternal. For a long time I've been wondering what to do with my knowledge. I want other people to share my thoughts and test them to see if I'm right. This made me write my story down and let it out on the "net".

I know that my theories are amazing and probably will cause a storm among the established scientists and philosophies. But I've got to do this though I believe I'm right. I know that lots of people will call me a lunatic and an imbecile fool. Unfortunately it's probably they who best can understand my theories that will deny them. At least for a start. It's hard to reform the world and turn the universe in the mind of an educated person. Still I want to try.

If anybody had told me, a few years back, that I would write a story about physic, I would have looked at that person with surprise. The thought of it should have been totally absurd to me. I have always been interested in the subject but for me physics have always been associated with books full of mathematics and formulas that no "normal" human being could understand. These books I presumed were only read by university students and old grey men who were spoken a language no common person could understand. Now I understand that these thoughts of mine were wrong. Physics isn't that mysticism I believed it was, and surprisingly I've hereby written something in the subject myself. At least I think I have done that. If any physician reads this he or she might have another opinion about calling this writing about physic, and say that you shouldn't take this serious.

What I want to achieve with this, is to get your thoughts going and hopefully give you new ideas. It was my own journey into the unknown and the ways my thoughts took that made me feel that I just have to tell you about my experiences in the world of physic. Don't get afraid of my frequently use of the word physic. I'll try to make me so understandable as I can. According to Einstein you can actually describe physic so that anyone can understand it, and I think he was right about this.

There are three things that are very close related to each other. It's physic, philosophy and religion. All of them include a lot of deep thinking. This is something that I have been doing too. Thinking deeply. As most other people I've been wondering about how things works and how they are related to each other. Now I'll tell you about how my world where turned upside down. I'll tell you about my "mental" journey that took me to the conclusion that, among other things, we don't circulate around the sun. This "mental journey" was both amazing and frightening. Sometimes I really wondered if I was going mad. I was terrified to tell anyone about the things that I had discovered though I was convinced that somebody would lock me in if I said anything about it. Or maybe become isolated by everyone like I was having some horrible decease. What am I saying then, that is so dangerous? Well, basically it's this:

I will tell you about how I discovered that our planet doesn't circulate around the sun and that the best way to travel to the moon is to stay put. I will also in a simply way explain to you that mind-reading is the same thing as superluminal contacts. I will describe black holes in space in a way that you probably haven't heard before. I will try to explain for you how it comes that you are at several places at the same time.

When you read these last sentences you might begin to see how crazy I am, but I beg you to not stop reading here. Maybe you will find my theories crazy, but remember that my basic meaning with them is to make you find new ways to think. Don't be afraid of words like superluminal contacts. I will explain such things when they appear in the text. You don't have to be a physician to understand my writings. I'm myself a common, ordinary, not high-educated person, using a language that hopefully everybody can understand.

Before we start our journey into "my" world, I want to thank three persons. All people I've met in my life is a part of this story though every exchange of thoughts with someone else leads to deeper understanding and more knowledge, but there are three people in my life that has meant more to the creation of this story than anyone else.

The first one is my father that, besides being the basic reason to my existence, also planted the seed in my brain that in the end would create a new universe to me. My very intelligent father that despite his great knowledge always has been humble and realised that he not have all the answers to the questions in life.

The other two I wish to thank is my close friends Berndt and Anita. They have always been able to help me to a deeper understanding about everything, whatever the subject has been. They have been the creative support that I wish all people could have in their lives. Berndt and Anita have always shown interest in what I have had to say and encourage me to go on.

Now I'll soon start my story, but first I have to ask you for a very difficult thing. I ask you to ignore everything that you have thought about the world this far. Don't forget your thoughts but try to not pay any great attention to them. I'll try to show you another world.

Take a deep breath and let us begin.

## **FIRST OF ALL**

I will begin with telling you something that you probably won't understand right now but it is fundamental for this theory. Don't pay to much attention to this part the first time you read it but go back here and read it again after reading the whole of my theory.

The difficulties to understand what I'm about to say are how we are thinking in dimensions.

Let me put it like this:

If you draw a picture of Earth, using just one dimension you will not see it. Earth doesn't

exist.

If you draw the picture in two dimensions you will show that Earth is a flat disc.

If you make a model of Earth in three dimensions we can see that it is a round ball.

If you visualize our solar system with such a model in three dimensions we will see how the planets are orbiting the sun.

What you have to do now, to be able to understand what I am saying, is to think of a model of the solar system made by five dimensions. I know it's asking for much but I'll try to take you there nice and slowly.

So, what I am saying is that you can't compare my theory with the type of three-dimension thinking we are use to. Looking in three dimensions, our planet is orbiting the sun and everything is as usual. But that picture can never explain the eternity of space.

If I'll manage to make you think in five dimensions you'll get a whole different picture of it. It's not impossible. Let's try.

### **THE SEED OF IDEAS**

Everyone looks sometimes at the stars in the sky and wonder what it's like out there in space? I'm sure you have done that too. I myself have many times wondered if this space you see has an end? If it has, what's there? Beyond the end?

My logical mind has always told me that there can't be an end to universe. Another part of the same logical mind has protested and told me that nothing can be endless. This conflict in my mind has been impossible to get out from. I knew that universe has to be endless at the same time that it can't be. The human brain can mostly not understand what eternity is. This was for a long time hard and too big for my small brain to think about. However, I have always dreamed about, hoped and believed that I will find the answer about the eternity of universe before I die. Now I have reached my goal. I know how it works.

You might think that I'm crazy and say that no one can explain how universe works. Well, in that case I'll say that you're wrong. Everybody can explain universe. We just do it in different ways, and I had to find my own way though no one else could give me a picture of universe that I could accept. The picture of universe that I had been learned in school and on television and so on was a picture that I couldn't understand. Therefore I had to find my own. A picture I could understand.

Many years ago, when I sat at the kitchen table with my father, discussing another matter, I had no idea that the seed to the answer to the mystery of universe were planted, right there at the table. Nobody could have guessed what should come out of that discussion. The seed lay in my head for nearly twenty years before it started to grow.

I can't say exactly when we had our discussion, my father and me, but I was about eighteen years old at that time. How we got into the subject I can't remember either, but we were discussing what happens when a human body dies. We had both heard that when a human body dies, the body becomes lighter. The weight decreases. One explanation to this had we got from religious people. They claimed that the spirit leaving the body caused the lighter weight. As the atheists we were, we found that explanation just rubbish. At that time in life I still hadn't learned to be humble and ask questions about things I didn't understand. Maybe it's the spirit leaving the body, but if you tell me so today I'll ask what the spirit is.

My father and I found soon our own explanation to the phenomenon of the lighter weight at the moment of death. We made almost at once the conclusion that the decrease of weight is caused by smaller gravitation. But what is gravitation? This we didn't know and we didn't think that anyone else knew either. We came quite soon up with our own explanation to the gravitation's influence to a human body. Though we both were electricians we were well aware of the phenomenon called electromagnetism. This kind of magnetism is created around electric wires when electricity flows through them. Every time you turn on an electric lamp, electricity starts to flow in the wires from the lightening switch to the lamp bulb. Around these wires is an electromagnetic field created. This is a very simple explanation to electromagnetism.

My father and I did also know that in the human brain exists electric energy. So, there should be electromagnetism too. When we die, the brain stops working and the "power" turns off. Thereby the electromagnetic field disappears. At this point we had made the conclusion that gravitation and electromagnetism are related. Our reasonable minds did then tell us that the body becomes lighter at the moment of death because gravitation no longer has the same influence to the body's magnet field. (It was many years later I learned to not listening so much to my "reasonable mind")

When we had got that far in our discussion, my father and me, we felt satisfied. Somewhere, deep inside us, we certainly knew that it couldn't be that simple as we found it,

but for the moment it was enough. But through the years I more and more often recollected our discussion. As all people I am curious. I couldn't stop wondering if we were right about this. I was convinced about our conclusions, but still I wasn't satisfied. Even though I knew what electromagnetism is, I still didn't know what gravitation is. Once more I tried to make logic reasoning. If gravitation affects bodies with electromagnetic fields, then the gravitation has to be electromagnetism too. One more time I was satisfied for the moment. It has to be that way, I thought.

This was only the beginning of my wondering about the mystery of gravitation though. I knew inside me that I was right, but I also knew that if I should tell anyone intelligent man or women about it they would laugh in my face. You don't have to be a particle-physician to know that gravitation isn't electromagnetism. This was what I knew people would tell me. Therefore I was careful about talking about my conclusions in this matter. I wanted to understand it even better, so that I could prove my theory about gravitation being electromagnetism.

But at this point in life, this wasn't a big matter in my life. I was a normal young man, more interested in friends and among all, girls! I wasn't often wondering about gravitation or the universe. But still, the seed was there, in my head. Growing. Occasionally it reminded me about its existence.

Life went on. I married and got a family. Such things take time and don't leave much energy or time for wondering of deeper philosophic kind. Unfortunately I must say. Parents of small children would need lonely philosophy moments to get more strength into their life. And I'm convinced that they at such moments would come up with the most brilliant ideas. The combination of average life and philosophizing is unbeatable. The brightest discoveries aren't made by anyone raised in a laboratory; they are made by you, at the kitchen table, while you are eating breakfast.

The seed in my head did remind me, even in this part of life, that it were laying there, time to time, but I didn't let it wake up. I was terrible afraid that people would call me a lunatic if I told them about my "electromagnetic gravitation seed". Not even my wife knew about it.

When I was about thirty years old, I met Anita and her husband Berndt. At that time they worked with education in, mostly, multimedia and computer issues. It was mostly Anita I

spent some time with though we were writing a local newspaper in the village where we lived. This work was mostly done at late evenings and nights during weekends. In the late hours, when our heads started to feel heavy, we often become sitting and talk about issues of more philosophic art, instead of do what we were supposed to do.

At such an occasion the seed in my head woke up and I dared to tell about my ideas about gravitation. Fortunately Anita didn't laugh at me. Instead she listen with interest to what I had to tell. This was a very important step. Now I discovered that it wasn't dangerous to put strange ideas out in the air, and the seed started to grow faster. More and more often I let it wake up. But I didn't tell anyone else about my theories. I was still convinced that most people would find me strange if I did, and above all, I wanted to know more myself before telling anyone. I was sure that intellectual people would look down on me for my ideas if I couldn't prove them.

After talking to Anita about this, it took about seven more years before the seed started to grow for real. During that time I sometimes saw scientific programs on television where they discussed universe and gravitation. I saw scientists searching for mystical small particles called gravitons. Particles they believed were there though no one ever had seen one. Other scientists were looking for gravitation-waves in space. All this was very odd to me. Their description of universes hooked room was too unreal for me to understand or believe in. I was sure they were wrong, but how should I be able to prove it?

Many times during the years I have felt doubt. At times when I have searched an answer to my questions, my minds have stacked. I have felt that I'm not educated enough to find a reasonable explanation to gravity or universe. I sometime thought that some old grey man, writing strange formulas on a blackboard only could do this. Men like Einstein, Oppenheimer and all the other great physicians. At these moments of doubt I could never imagine myself writing such a formula, understanding its meaning. Still, that was exactly what happened.

I had really not understood anything about the humans or the world. At last I found out that anyone could come up with a good idea, without mathematics. Even you and me.

The seed that I carried in my head for so long was from a plant we can call the conclusions idea, though it was both conclusions and ideas that would come out of it.

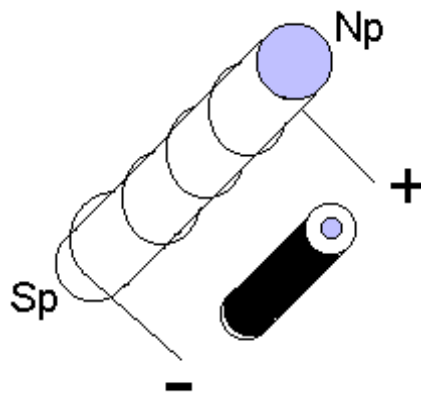
January 29<sup>th</sup> 1997 is a day I always will remember. Not the date itself, but what happened that day. That was the day when the seed made roots and started to grow for real.

## MAGNETISM

To make you understand my way of thinking and even my doubts, I have to begin from the beginning. I realize that I can't just put up a new picture of the world and say to you that things are like this or that. I'll try to be careful and gradually take you with me on the way I walked myself. I hope I won't lose you on the way.

I've already mentioned electromagnetism several times, so I just have to start with telling you more about that. You can easily make your own electromagnet. All you need is a thread of copper, an iron stick and a battery.

If you wire the copper thread around the iron stick like you see in the picture here, and then connect the thread to the poles on the battery, the iron stick will transform to a magnet with a north pole and a south pole. You can easily try this and catch small metal objects with your magnet. Be careful though. Electric power is dangerous, so you may not use anything else than a battery of an ordinary flashlight.



If you disconnect the thread from the battery, your iron stick will turn back to be just that, a iron stick. The more copper thread you wire around the iron stick, the stronger magnet do you get. The same effect is there if you use a stronger battery. What's happening is that when the electricity flows through the thread it creates a magnetic field around the thread. The magnetic field gets stronger thanks to the iron stick and you get a clear south and north pole to your magnet. Even without the iron stick the magnetic field would be there but not that visibly. It would "be floating around" in the atmosphere.

This is the principle for electromagnetic energy.

This procedure can be reversed, and then you get electric energy. If you take your iron stick with the thread on, and connect the thread to an instrument that registers electric energy, you can make following experiment:

Take a "natural" magnet and move it quickly forwards and backwards near the copper thread and the instrument will show that electricity is made in the thread. The magnetic field around the magnet creates electric power in the thread. This is the main principle of an electric generator. The electricity that is created in your thread is called inductive electricity.

The things I've mentioned here are easy to proof and you can easily test them yourself. Next thing in my story is harder to proof and it's impossible without very advanced technique. I'm not sure anyone are able to do it today but I presume that someone, somewhere has resources to do it. I will claim that you are a big electromagnet yourself.

It doesn't matter which way you prefer to do the experiment with the iron stick, it's the same thing that causes the effects. Circulation. This is an important keyword. In the first experiment it's the electric flew in the copper thread that creates the magnetic field. In the second experiment it's the movement of the magnetic field that creates the electricity.

I'll now claim that electromagnetic energy is created around everything that circulates. I'm not sure I like the word electromagnetism though. Electricity is just the description for the practical use we have of the magnetism.

Let us now see how your body is built. Let's not go too deep in to particle physics. Let's start with atoms. Your body is built of atoms. In these atoms are protons and around them circulates electrons. There is an electromagnetic field created, but of course it's too small to be able to register. The atoms circulate each other and make molecules. More electromagnetic fields are created. We can make a stop there. We don't have to go through all cells. The main thing is that you get the principle point. There is always something circulating in a body, no matter if it's your body or a stone or a piece of wood.

In your body you've got more circulation than the atoms and the molecules. The most obvious is the blood system. There you have a very strong and clear circulation. Everything that circulates creates electromagnetism. As I said I don't feel comfortable with calling it

electromagnetism though it's very small doses of electric energy involved, but still the electricity are there. This was the conclusion my father and me came to when we where discussing gravitation, electromagnetism and people dying.

You may find this hard to believe. If we are big magnets, why don't we affect metal objects? Well, that's because our magnetic field is very small compared to that magnetic field we created in the iron stick. Besides that, your body is a complicated pattern of different circulation processes that disturb each other. You are like the copper thread without the iron stick. Your body can't get that clear magnetism with a south and a north pole. For now, let us just make the conclusion that the magnetic fields are there however small.

The interesting thing is that everything that includes some sort of circulation also includes a magnetic field. Atoms build all material, and in atoms is circulation. The circulation creates magnetism and that magnetism is what we call gravitation. Did you understand what I just said? *All material creates gravitation!*

As you maybe remember from the experiment with the iron stick, I told you that the more electricity you put through the copper thread the stronger magnetic field do you get. It's the same with the magnetic field in any body. The bigger and faster circulation, the more magnetic energy is it creating. To visualize this, let us see to the relationship between earth and the moon. Though the moon is smaller than the earth, it has much less material that can create magnetism/gravitation. Therefore is the gravitation on the moon only 1/6 of what we are use to on the earth. If your weight is sixty kilograms on earth, you will only weight ten kilograms on the moon.

Now I must try to explain a little better than that. The strength of the magnetic field/the gravitation is not depending on a body's size only. The structure and the temperature is also important parts in creating gravitation. Circulation always increases in a body which temperature increases. For instance, if the moon where a little bit warmer, it's gravitation would be stronger.

Inside the Earth is a burning mass of lava. This affects the earth gravitation/magnetism. There is a cold shell circulating around the lava masses and this creates the gravitation we are use to. If the lava fire would burn out and become cold and become a part of the shell/surface

of earth, the gravitation of our planet would dramatically change. We would all become a little lighter.

Circulation processes create the magnet field we are calling gravitation. If something should be able to circulate it requires two opposites. As the earth surface and the inner burning part. Without the burning lava, one partner in the circulation process would disappear, and the earth gravitation would only depend on the mass of the atoms that creates the planet. This would be far from what we are use to. As it is now, the earth is one giant magnet with a south pole and a north pole. It's the same with all bodies. Most obvious are the bodies in the sky. The sun, the planets and the moons. These are so big that we easily can register their gravitation. You and I also create gravitation, but in so small doses that it's impossible to register. Compared with our planet we are very small.

But still we are "magnets" driven to the big magnet earth. When you stand on a, (whatever it's called, that machine that tells your weight. A balance?), it doesn't show how many kilograms your weight is. Neither is it showing how hard the earth attracts you. What it really shows is how hard you and the earth are connected/driven to each other. It shows the strength of the "glue" between you. Nothing else.

The great scientist Isaac Newton found that gravitation affects all bodies the same way. If you drop a stone and a feather in a room without air, they will hit the floor at the exactly same time. This was proven by the astronauts in Apollo 15. Though the moon doesn't have any atmosphere there isn't any air that can affect the fall of the objects. The astronauts did this experiment (with a Falcon feather and a hammer) and it turned out that Newton was right. Two objects dropped from the same height on the moon always hit the surface at the same time.

This can seem peculiar to us humans who are used to a world with air. We know that if we drop a stone and a feather from the same height, the stone will hit the ground before the feather. But in a room without air, they will hit the ground at the same time, and this isn't any strange, though the stone and the feather have the same kind of magnetic field. That's why they fall with the same speed. Only when they have reached the ground you can register the difference between them. The stone has a stronger magnetic field than the feather because of its bigger mass, and therefore it's harder connected to the earth. The *type* of magnetic field in the stone and the feather are still the same and it's the *type* of magnetic field that rules the

speed of their falling down. What we call weight has nothing to do with speed in this case. The speed in the objects falling depends on the gravitation's capability to drag things together. This dragging force is always the same. To visualize it you can think of a car. Take two exactly identical cars. Fill one of them up with ten liters gasoline and the other with twenty liters. Both cars will be able to run at the same speed. You can't increase the speed of a car by filling it up with more gasoline. You can only make it go further, not faster.

What I'm trying to make you understand in this chapter is that all you see around you are magnets even if you have so good eyes that you can see an atom.

This was what I found out twenty years ago and I thought it was crazy.

But things have changed since then.

## **SOMETHING IS WRONG**

When I had come that far in my conclusions that I saw everything as magnets, I hit the wall. My brain made a stop. I believed very hard in my theories but I couldn't make it match. If all physical bodies are magnets, driven towards each other, why doesn't universe collapse in one big massive body? We know we are so close to the sun that we are strongly affected by its gravitation. It's the same with the moon. The gravitation of these two causes the tides in the seas. Why aren't we driven into the burning masses of the sun? Why doesn't the moon fall down on us? The answer to these questions can be very simple if you only see it. The hard thing is to open the eyes. Twenty years after my first attempt to explain the gravitation I got the answer like a flash in the sky. Suddenly all seemed very clear to me, but once again I realized that I maybe would be unable to tell anyone in a way so that they could believe me. I'll try now. Many times when I've tried to understand why the gravitation works as it does, my thoughts have gone into the space. As most humans I've always have been fascinated by the myriads of stars there is out there. I've dreamed of going out there, exploring all the worlds in the dark space. I realize that no one will be able to go out of our solar system during my lifetime, but I'm convinced that man one day will be able to travel as she pleases in the space. To me has the dream of travelling in space not been the strongest or most important. The most important is to understand how it works. I've always wanted to understand how the eternity of universe works. It's when we understand that, we will be able to move in space rationally. I've always hoped that I one day would understand what universe looks like. Then I

could give the science the first piece in the puzzle. The piece that allows us to take the next step out in the unknown. When we have the whole puzzle, it won't take several light-years travelling to the stars. In theory, such journey can be made in seconds. But let's wait with the travels for a moment and go back to my story. Where I was, looking up to the stars, without understanding what I saw.

I've many times looked at the stars and wondered where it all ends. My logical thinking said that nothing could be endless. But at the same time I knew that there couldn't be an end to universe. What would be there? The only thing I could think of as eternal was time. The time goes on, never ending. So I made the conclusion that the basic structure of universe has something to do with time. I found this reasonable, especially as Einstein already had proved that time really exist. The time is relative. I've known for a long time that this has been proven by atomic watches, sent up in fast airplanes. The faster a plane goes, the slower go the watches travelling in it. According to Einstein's theories the time would be standing still if you where travelling with the speed of light. According to physicians, nothing can travel faster than light. This has been the truth this far, but I doubt it in an early stage. I felt that Einstein and the other physicians were partly right, but still I couldn't see how it worked.

I couldn't see the connection between time and universe but I felt it was there. The 29<sup>th</sup> of January 1997 I began to understand.

The evening before, I'd been watching a television-program about Albert Einstein and his life. Among other things the program told me about his theory of relativity and his thoughts of gravity. I was too tired this night to think myself. I just let the information go into my head without trying to do anything with it. The next night, when I had gone to bed, my thoughts started wandering. I thought of what they said about time-rooms, in the television-program.

Then it happened. It didn't come to me slowly after long considering thinking. No, it came to me like an explosion in my head. Suddenly I understood how it all works. I didn't get much sleep that night. One conclusion, after another, came in my brain. But it was the first conclusion that came to me that was the most important. The one who let the puzzle become solved. I suddenly realized that we don't circulate around the sun! I know this sounds crazy to most people, but still I claim that it is how it works. If time exists, there is no possibility that the earth could be circulating the sun. Time exists. Time is relative and this has already been

proven. So, then can't we be circulating around the sun. We have never done that and we will never be doing that.

I don't expect you to believe this just like that. No one can or should believe me if I don't explain how it works. So I'll give it a try.

## **THE SUN IS MOVING**

There is one important thing that I in my entire life have not seen. What we see is not the whole reality we live in, or with other words, what we see is not what really happens. Now I can't understand how I've been able to miss this important thing. The truth that what we see isn't what's happening has been proven so many times through history.

In the beginning man believed that earth was flat. When we stand on the ground, that's what we see. Nowadays we know that this is wrong. Earth is as you know, round, which we have been convinced about through sailings around the world and pictures taken from spaceships.

For a long time people also believed that the sun, the moon and the stars circulate around the earth. That's the way we see it when we stand here on earth, watching the sky. Finally the gentlemen Galilee and Copernicus made us understand that this isn't what happens. It's the rotation of earth that makes us see these things. Unfortunately Copernicus also succeeds to "prove" that the earth circulates around the sun, which wasn't quite so good. This is wrong and has caused us to see our solar system and the universe in a completely wrong way. From these conclusions we have built a picture of our solar system where the planets circulate the sun. We have all our limits and maybe Copernicus had reached his after he had seen that the sun don't circulate our planet. It's a pity he didn't thought about what would happen if the sun where moving. As it is now, the sun became an unmovable point which we are circulating around.

Now I'll claim something important that I want you to remember. There aren't any unmovable points in universe. Nothing stands still. This is very important and something that I haven't noticed in my life before. Man has always needed unmovable points to go from, and will probably always need such points. Never the less, such points are only fictive ones and don't exist for real. They are only things we need to not get dizzy in our heads. Do you want to understand universe you must remember this.

When I'd watched the television-program about Einstein and heard about his theories concerning the time-room, one thing were clear as crystal to me. I had forgotten time when I was trying to figure out the gravitation and the basic structure of universe. As a start, I now saw that the world includes at least four dimensions. You can say that the physical reality that we see contents three dimensions, length, width and height. With help of these dimensions you can decide what an object looks like and which position it has in the place we see as our physical world. The existence though, includes a fourth dimension, time. If an event should be able to happen, it requires all these dimensions. If you for example raise your arm, you can only see it thanks to the time. In a certain moment in time you got your arm down through your side. When you raise your arm straight up, it will not only change position in the world but even so in time. There were a few seconds while you raised it. During its way up, the arm changed positions in time. You are the whole time moving in a time-room. Length, width, height and time.

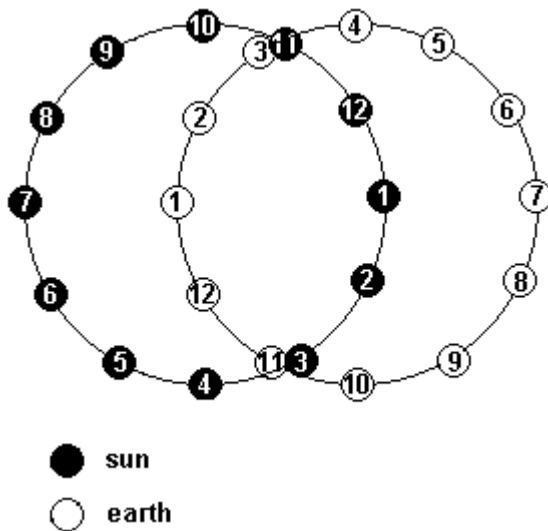
Though everything you see around you is moving, (the atoms and their particles are moving the whole time), our world includes these four dimensions. And this is why our planet can't be dragged into, or collides with the sun. Just take it easy. I'll try to make myself as clear as possible.

Gravitation makes it possible for us to see our planet and the sun as two giant magnets floating in the space. In the usual way to look at universe, these two bodies should be dragged with great power towards each other. And that's exactly what's happening. The earth is travelling with most unbelievable speed towards the sun. The reason that it doesn't reach the sun is that the sun is moving to, whole time. It's moving in the time-room. (To understand the movement of the sun, we must know how the transforming of energy affects the time-room, but this I will tell you more about later in this story.) Trying to visualize this to you, I want you to look at the universe in the really old way. Let's believe, just for now, that the earth is standing still and that it is the sun moving around us. When you in a shiny day looks at the sky, you will see the sun at a certain point in the sky. In reality the sun isn't there at all. Though it takes eight minutes for the sunbeams to reach us on earth, you will see the sun where it was eight minutes ago.

The earth is dragged powerful towards the sun, but when the sun constantly changes position, the earth has to change direction on its journey towards the sun. The earth's orbit is bending when it tries to reach the new position of the sun. This procedure is constantly

repeated and the earth is hunting the sun with no success in catching it. In space there aren't any friction, which makes it hard for anybody to change direction in its movement. When the earth is forced to this by the constantly new direction of the sun's gravitation, the earth will "slash". That's why its orbit seems to be round.

The principle of this can be described with a simple picture. Look at the drawing here.



Here the sun circulates in a round orbit. The numbers tells which position the sun and the earth has at a certain moment. At position number one the earth is dragged towards the sun's position number one. At position number two is the earth dragged towards the sun's new position number two. And so on. Like this the earth hunts the sun without any luck in reaching it. As you se, the orbits of the two are crossing each other without the

earth circulating the sun in the way we are use to see it. You can also see that the distance between the earth and the sun is changing. At position number one they are closest to each other and at position 7 they are most apart. This is the reason why we "see" that the earth's orbit "around" the sun is elliptical. If the sun really were standing still it would be very difficult to explain two things. Why the earth's orbit isn't round like a circle and why the planet isn't dragged into the sun.

Because of the sun's movement we get these effects that we see in the way we do. Once again we "see" one thing when it's really something completely different that's happening. Unfortunately it's not that simple to show. You can't send a spacecraft out in space and get a film or picture of the sun's movement. The sun isn't circulating around any other body in space. If there where such a body that affects the sun, like the sun is affecting the earth, this new body would need a body that affects it.... and so on.

It's a little bit more complicated than that. Or simpler if you like. The sun isn't moving in the physical world of three dimensions we can see with our eyes. It's moving in the time-room. Therefore cannot a camera register this movement better than a human eye. The picture above, describing the principle of the sun's effect to earth, is just in two dimensions. It only

includes length and width. To illustrate what's really happening I would have drawn a picture in four dimensions. Sometimes, in my confused way of deep thinking, I've tried to find a way to do it, but I gave it up when I realized that I can't draw a two-dimension picture that is beautiful.

The conclusion of this chapter is that the earth doesn't circulate around a sun that stands still. It's like a big magnet, dragged towards another big magnet, the sun, without catching up with it though the sun changes position the whole time.

The sun isn't circulating something special. It's moving in the time-room.

To understand how, and why, the sun constantly changes position in the time-room we must study the energy's affection on the time-room. I'll come to that.

## **TIME**

When I realized that the earth doesn't circulate around the sun, my thoughts went on out in the unknown and started to play with my new toy, the time. Suddenly I saw the universe as one and only time-room. Everything we see around us is different events. The step from seeing this and to realize that the whole universe is one big event isn't big. Everything is just ONE event that's happening now, and you and me are a part of this event.

That night, when I realized that the earth are hunting the sun I also realised that the best way to travel to the moon is to not move at all. The time it took for my brain to go from the conclusion about the earth-sun and to the journey to the moon was only a couple of minutes. That quickly happened everything in my head when I putted the time into everything I'd known and felt that far.

I realized that the universe is one time-room where everything is moving. Where we are right now, something else will be later. For example the moon. Though we are bound to the earth by its gravitation we will always be at the same place in the time-room as the earth. (Later on you will realize that this statement is like saying that all Americans live in America. Your specific place in the time-room can be more detailed than to be on the earth.) If you some way could cut the chains of gravitation you would be able to travel wherever you want to, just using the time.

Let us do a mind-experiment where we travel to the moon. We take a spaceship and goes out in space. When we are beyond the earth's gravitation we park the spaceship there. Though the moon chases the earth like the earth chases the sun, we just have to sit tight waiting for the moon to come to us. After we parked our spaceship we haven't used anything else than time. You could say that we have travelled in time. It probably took longer than a normal journey to the moon but it was the most energy-saving one.

This can only be a mind-experiment though. In reality we never could do such a journey though the space between the earth and the moon isn't empty. There is a lot of different forms of energy that will affect our spaceship so it will be impossible to park on one specific spot.

What I want to achieve with this mind-experiment is to get you thinking at time as a part of the world you see around yourself. Time is one of the things we need to specify a specific place in the event of universe. If we could make a time-machine we could, by travelling in time, take us to any other place.

The classic way of fantasize about time-travelling says that you move forward or backwards in history. Movies have been made where the characters have travelled in time, back to their childhood or even beyond it. They meet their parents as youngsters or meet cave-people and pre-historic creatures. They also travel forwards in these movies and meet different sorts of strange beings.

If you really were able to travel in time you wouldn't move backwards or forward in the history, you would travel in time, which means that you would travel to another place in universe. In one way all journeys are time-travels though we in a journey move in the time-room, but we don't use the time when we travels, we only uses energy-transforming. If we could change the time, instead of the amount of energy in our vehicles, our journey would go much faster. But now I'm running ahead to fast in this story. I'll tell you about transforming energy a little later.

After that first night when I realized that we don't circulate around the sun and when I'd speculated about time-travelling I felt both exhilarated and terrified. The experience was so enormous that I felt I had to tell anyone else about my ideas. But how could anyone tell about such things without being looked at as a lunatic?

Once more I used my good friends Berndt and Anita. Some days afterwards I sat one evening at their kitchen table and told them everything that I thought I had found out. Of course I was nervous, but I got the reaction I expected. Instead of just mumble at my ideas, they asked me to explain what I meant. The whole time they asked me intelligent questions, forcing me to think deeper until I got dizzy in my head. At last I couldn't understand what I said myself.

At that time, Berndt fetched a book and put it in my hands. I don't know its English title but in Swedish it was *The Dancing WuLi-masters* written by Gary Zukav. I went home and read it in a few days. It explained the modern physics and a told me about quant-mechanic and particle-physic.

I don't know what would have happened if Berndt haven't acted as he did. Maybe I had thrown all of my ideas away as some stroke of madness in my head. The book was just what I needed to go on with my wondering. Thanks to Zukavs description of how the physicians are thinking I got the courage to start writing about my ideas. Everything I read in his book fell into my new picture of universe as pieces in a big puzzle.

I will not tell you any details from Zukavs book but recommends anyone that is interested in this kind of matters to read it. Even if the title can seem to be frightening to some I promise you that anyone can read it. You don't have to be a particle-physician to gain something from it. Something I learned from his book was that physicians aren't some strange people, living in their own world. They are often humble people that don't take things for granted and listens to others ideas. In some parts I'm willing to call them philosophies as well as physicians.

This makes me think about a part in the television program about Einstein. When he published his theory of relativity he was working at a patent-registration office. One day a physician came to see him and Einstein said he was glad to meet a real physician. Then the physician asked Einstein if he never had looked in a mirror. It seems as Einstein didn't see himself as a physician at that time.

So what is a physician? Maybe it's you. Dare to think in new ways. Peoples knowledge increases the whole time and the picture of the world changes. A hundred years from now, people will ask how we could believe in the things we do believe in today.

I know, what I'm writing here will be looked at as an old-fashioned way to think, in times to come. Some of it will turn out to be true, some to be false and some to be just an embryo to a greater knowledge, and this satisfies me. If we thought nothing could be developed further, what meaning would the life have then? No, it feels good to know that some people will do everything they can to question my ideas. That leads to development.

## **THE TIME-ROOM GROWS**

After reading *The Dancing WuLi-Masters* I felt that I wanted to know more. In the book was some phenomenon that the physicians today can't explain. I didn't understand it either. I've never liked to take things for granted. If you tell me that something is in a certain way I'll ask you to explain why it is like that. I started to wonder about what I'd read. Though it was about unexplained phenomenon I realized that I wouldn't find the answers in any other place than my own head. Therefore I didn't go any deeper into the literature of physics. I wanted to keep my senses open and clean for now. I was afraid to get stucked in other people's opinions at this time. After a while I started to realize that my world still was too small. There was more to see.

At this point I had no problems in seeing the world in four dimensions. I saw length, height, width and time in everything around me. After some time of wondering I realized that this isn't enough. Even if you have a time-room with these four dimensions it's still empty. To create an event we must place something in the time-room. Whatever you chose to place in it, this something consists of energy. So energy is the fifth dimension/ingredient in the event we call universe or the world. The event taking place in the time-room could we then call **TELWH**. **T**ime, **E**nergy, **L**ength, **W**idth, and **H**eight. These are the five elements/dimensions that create the world as we know it.

Now things got much more complicated. From being use to look at the world in three dimensions and then quickly went to five, made my head heavy. It began to be difficult to understand.

TELWH. Then, how does these five contracting affect each other? Length, width, and height are not so interesting. They are just measurements we use to describe things or places. They don't have a life of their own. Time and energy, on the other hand, are moveable things with a life of their own and who are affecting each other. These two are nothing we have

"constructed", they are relatively course of events in existence. But we need the other three measurements to describe what time and energy are doing to each other.

A phenomenon that has been proven is that things shrink depending on the speed they travel with. The faster a car runs, the shorter it becomes. If you could be able to stand still besides the road and measure the car while it is accelerating, you would notice that it becomes shorter and shorter while it's increasing its speed. Anyone that travels inside the car won't notice this. If the driver of the car should have a folding rule of his own, this folding rule also would become shorter with the increasing speed and therefore constantly show the same size of the car. This isn't some mysterious hocus-pocus. It's well known by the physicians. Zukav explained it very well in his book.

What I found interesting in this was that the time and the energy seem to affect each other. The car is travelling through the time-room and this seems to affect its composition. The car contents of energy. Everything contents of energy. The travelling of the car contents also motive or kinetic energy, which also is a part of the time-room. Let's not look too much on that here. Others have already done that. Let us see how the energy affects the time-room.

Let's do a mind-experiment using cars. Cars and travelling is something that most of us can understand.

Let's say that we have a car standing at point A. This is an event in the time-room. Then the car drives to point B. Whatever the distance is between point A and B it's the same thing that happens. The total amount of the cars energy isn't the same when it arrives at point B. At point A the gasoline tank included a certain amount of gas that was a part of the cars total energy. During the travelling some of that gas were transformed into kinetic energy and did go to other places in the event/time-room. At point B the cars total amount of energy was a little less than it was at point A.

The existence is an event that happens now. The car moved through the event using two things. Time and energy. It changed its place in the time-room. When the car stands still, the length, width and height don't make any difference for the journey of the car. They are only measurements used to describe the route of the car or the look of it. What really made the journey possible were only two things. Time and energy. Let us now fill the gas tank when the car stands at point B so the car got its former amount of energy. Then something happens that

is really hard to understand. At least the first thought of it. When the car gets the former amount of energy again it will also get back to the previous place in the time-room. But in the physically world that we can see, it still stands at point B. What I'm saying is that an object can be at one place in our "real" world while it is at another place in the time-room. I know that this is hard to believe or understand but I'll explain it a little later in this story. But this statement is important and I want you to understand the basic principle of it. You could say that there is a world that we can see with our own eyes and another that we can't see with our undeveloped organs.

The only "physical" time we can apprehend is *now*. The one who drove the car between A and B experienced that he did it *now*. The only thing that really changed for him was the composition of energy. If we for a moment makes our time-room a little simpler, we can say that time is a constant and that it always is now. Then the contents of the time-room are the three measurements length, width and height and time which is a constant and finally energy which changes.

It was when I had come that far in my speculations that I for the first time made what I call a physical formula.

Time x Energy = TimeRoomPosition or TRP.

This means that when something changes its energy composition it moves in the time-room. I could give you many examples of this. Just look at yourself. Every time you move you consumes energy. Therefore you move in the time-room. The earth also moves through the time-room dragging you along by your total kinetic energy, and so on. Everything moves all the time.

Even a rock, lying on the ground, moves constantly through the time-room though it does it so slowly that we can't register the movement. If you stand still, watching the rock, you both will be travelling through the time-room, but you do it so slowly that you can't see it. You won't be able to see when your travelling goes apart, but at the end the rock will disappear. (But of course you change your energy faster than the rock and you will disappear first.)

A mistake I've been making all these years have been that I've looked at the time as something linear, moving in one direction. This is fundamental wrong. Time goes in all directions and has nothing to do with what you see at a watch. The time a clock show us is

just another of these measurements we humans invented to be able to describe what is happening. We will never be able to travel forward or backwards in time. We can move in the time, oh yes. But we will only end up at another place and not in another time. The time is always *now*.

Just let me speculate a little bit more and then you will realise why the earth don't circulates around the sun and why it won't be dragged into our giant neighbour in space. But first, let us look closer to the statement that  $T \times E = TRP$

$$\mathbf{T \times E = TRP}$$

Though we experience time as a constant, that is now, this formula becomes very easy to understand. In the time where you are, there must be some energy so you can register what is happening. Let us play a little with this statement. In space there are different kinds of energy. What we see as an empty space is not an empty area. You can't see anything with your eyes but there are always different kinds of radiation. It can be different sorts of light or sound. The sound is there but you can't see it. But you can receive it with a radio. This radiation, or waves, is different kinds of energy.

Let us now presume that there would be an area in space where it was no form of energy. Not even radio-waves. Not a single atom or any of a atoms contents is in this area. If we then uses the formula  $TxE=TRP$  the sum would be zero. Nothing. TIME times ENERGY, in this case zero, gives a result that is zero. It doesn't exist. This area should look to us as a black hole in universe. Though it doesn't include any energy it can't have any position in the time-room. We can't see it with our senses though we only can register energy. To this place, without energy, nothing we know of can travel. We live in a time-room and how would you travel to a position that don't exist or can't be defined. Such an energy-empty area would make some peculiar effects to all matter that comes near it. It's hard to imagine a place that don't exist and what effects it would have to us. If we should try to get into this area we probably would be thrown away or just disappear. If you succeed in travelling to a place that doesn't exist in our universe you no longer will exist for us who are left behind. This is not understandable though the energy-empty area wouldn't be energy-empty if you could get into it. I think the answer to all this won't come until the day we succeed to send something into such an area. That way we will find out what will happen.

The formula  $TxE=TRP$  leads us also to other phenomenon. Let's think that we have two objects with the exactly same composition of energy. That would mean that the two objects would have the exactly same position in the time-room. I claim that this is the fact. They do have the same position. Now you must try to separate the world we see, hear and feel from the world that is the time-room. The time-room is the event that we are a part of. This means that if two objects have the same composition and kinetic energy they will be at the same place in the time-room. That is what the formula says. But still the two objects could be at different places in the "real" world. And still the two objects would have directly contact in the time-room.

I know this is hard to believe, it's difficult to understand for me too, but there are indications around us those shows that this statement might be true.

The ones that probably have easiest to understand this are the ones that deal with particle-physic. In atoms there are electrons. The physicians know that if they split an electron they will get two light particles, (I'm not sure of the English word for it). Both the light particles circulate in different directions. If one of them suddenly would change direction, the other one will do it too. In the exactly same moment. They do this, no matter the distance between them and without any connection registered. The communication link between the two light particles is faster than the speed of light and it's called superluminal communication. The scientists haven't been able to explain this though nothing can travel with a speed beyond the speed of light. At least have they thought that Einstein's theories forbids such speeds. I claim that the communication between the two light particles is taking place in the time-room. Though the two light particles have the exactly same composition of energy they will be at the same place in the time-room, no matter which position they have in our "real" world. They will always have directly contact with each other.

To you who aren't a particle physician I'll make another example of communication in the time-room. Suppose that we have two twins. One of them is in America and the other one in Africa. At the moment when we look at them in our mind-experiment they are exactly alike. They have eaten the same kind of food and they are sitting still. They have the same pulse and are in all ways so alike that two people can be. They are at two different places in our "real world", with a long distance between them. Though they have the same composition of energy they still will be at the same place in the time-room. They are at the same place in the event we call existence or universe. Though the twins are only humans they won't have any

directly notice of being in contact with each other. Their contact is on a level where the human mind usually isn't use to be. But still the contact is there.

Presume that one of the twins suddenly dies. The energy composition of this twin drastically changes fast. By his death the twin changes place in the time-room immediately. The other twin feels at once that something happened. Probably he can't tell what happened but he can tell that something dramatic did occur. Now the formula  $TxE=TRP$  don't give the same result to the both twins. They lose the contact they had in the time-room.

This is what we call telepathy or mind-reading. This is a common phenomenon but we have no explanation to it. I'd say that it is the same kind of super-luminal communication that we can see at the light particles. They have contact thanks to their close position in the time-room.

It's a quite scaring thought. If what I say is true it will mean that we share our position in the time-room with a lot of other things. I don't want to think too much of this now. I'm already crazy enough. Let us just establish the fact that super-luminal contacts in the time-room are possible and that the answer to many riddles may be  $TxE=TRP$ .

In the examples I've made this far I have said that the time is a constant that always is now. The general idea of time has been that the time is relative and that it changes. The relativity theory of Einstein says so. As you might remember I said that this has been proven with airplanes and atomic watches. When the watches were travelling in the aircraft they were slowing down. According to Einstein's theories the time would be standing still if you travels with the speed of light. This theory is more or less established.

Now I'll make a daring statement. The theories aren't right. The time is probably some kind of constant. I have to call it a constant to make myself understandable. In my heart I really hope that time isn't a constant and that we will be able to learn how to change it. I will get to that later. For now, look at time as a constant. The fact that the time changes in the watches during the travelling in the aircraft depends on the aircraft's rapid change of energy composition and the great amount of kinetic energy. During the travelling the watches can't be synchronic with watches that stand still on earth. During their journey through the sky the watches will register time in their own way. At the moment the aircraft goes down and land, the watches will once again be usual watches and show time as we are use to see it.

Let's make an example. Look at our twins one more time. Once again they are at the same position in the time-room. Instead of letting one of them die, we place him or her in an airplane. When the plane lifts off and are accelerating the twin will get a lot of kinetic energy from the aircraft. The twin's total amount of energy is changed as long as he is moving. The contact the two twins had in the time-room is broken. When the aeroplane has landed again the twin will regain his former composition of energy and the contact with the other twin is established once again. During the flight the twin hasn't been in another time, just in another place in the time-room.

Now I'll tell you about the thing that is hardest to understand, but is very important to remember. When something moves in the time-room it also moves in the "real world". If you were able to change your body's composition of energy fast enough and much enough, you will move in the "real world". Presume that you could transform into pure hydrogen. During the transformation you would be moving both in the "real world" and in the time-room. When you regain your usual form of body, you will return to your former position in the time-room, but not necessary to your former place in the "real world".

In the time-room which I also call the event or universe, your position can be rough determined as a human. Your exactly position is depending on how you are affected by your surroundings. How you takes up energy from the place where you are. If all people would have the exactly same amount of energy they would also have the same position in the time-room, and would be able to know what everyone was thinking and doing, and that's not the fact. We are different even if it's not so much as we like to believe. Even our twins are different enough to not have completely contact in the time-room. They only have a perception of each other.

What I've told you in this chapter is that when something changes its composition of energy it travels in both the time-room and what we call the "real world". It doesn't travel in time. Time as we use it is always now.

### **THAT'S WHY SUNS ARE MOVING**

If I haven't made you too confused you maybe begin to understand where I'm heading. When you understand what energy and time is and what they are doing to each other you can begin to see why the sun is moving.

The sun is like a giant explosion. It's like a nuclear reactor where atomic explosions occur all the time. With our measurements the sun is gigantic and it's enormous amounts of energy is changing at high speed. According to the formula  $T \times E = TRP$ , these changes makes it impossible for the sun to stand still at one point in universe. It's moving all the time. I said that anything that changes its energy composition rapidly enough will move both in the time-room and in the "real world". The sun is an excellent example of this.

If the universe had only three dimensions it would be easy to calculate the sun's orbit. Now it gets a little bit harder. I can only give you a bad description of what's happening. When the sun changes its energy it's moving in length, width and height. At the same time its position in the time-room changes. This will make us see in the "real world" that the sun's orbit will "bend over". It circulates. The sun doesn't need a centre to circulate around. Because of its enormous transforming of energy it circulates anyway.

Though this is happening in four dimensions we will not be able to see it with our eyes. As our brains are constructed we can only calculate it in theory and has to stay with that.

Now we are back to my fundamental statement. The earth and the sun are giant magnets trying to drag each other together. They won't succeed though the sun is changing place as fast as the earth is travelling towards it. The magnetic power can only make a certain amount of kinetic energy that decides how fast the earth and the sun will travel towards each other. The force that makes the sun travel in the time-room is equally strong as the magnetic force and stops these two heavenly bodies from meeting each other.

But what about the moon and earth then? Why are they not colliding? Well, it's really similar circumstances there too. The earth's and the moon's magnetic fields can only accelerate to a certain speed because of the type of energy. Think of the example with the falling stone and the feather. The power of the sun affects the earth and makes it move to new positions in the time-room as quickly as the moon is reaching.

This way we could go on forever. The universe we are use to see through different kinds of telescopes is really a well organized chaos where all heavenly bodies chases each other without catching up with each other.

The universe was created in a Big Bang. The great explosion. So I've been told and I don't have a clear apprehension about that. Maybe it was like that. Such a Big Bang is possible if

you presume that universe in the beginning consisted of only one type of energy. In that case, all this energy would be dragged together by its own gravitation and build one and only mass in the time-room and finally this mass would collapse in a giant explosion. After such a process nothing would be the same again. It could never happen again.

A proof for the fact that this really has happened is that universe is expanding. Well, that's what the scientists say. Now it's time for me to make a daring statement again. The universe isn't expanding at all! Once again we must face the fact that what we see isn't what's really is happening. Though everything in universe consists of energy that transforms the whole time, the energy will get the same orbit as the sun. It will bend. Einstein proved that mass and energy is the same thing. Trying to measure the movements of planets or masses in space we only use our three common measurements length, width and height. Thereby we will get such phenomenon. We believe that things are moving in a direction when they really not are doing that. Trying to measure universe with common instruments is like measuring a hooked banana with a straight ruler. It's when we have learned to bend the ruler we can get the right result.

I claim that universe isn't expanding. It's bending thanks to the fact that everything we can see in universe changes position in the "real world" and in the time-room at the same time.

The people who is most used to think of hooked orbits must be sailors. They have to consider the roundness of earth when they decide the distance and course for their ship. Universe is like that. The nearest way to another planet isn't straight. This isn't any big problem with the space-travelling we are doing today. When a spaceship moves, it changes its energy so fast that its orbit bends like universe. Because the orbit of the rocket and universe is both bending we see the journey as straight. It could be interesting to see if this is useful to make journeys in space faster, but I won't do that now. There are people that can do such things much better than me.

My message to you has been to look at the world in a different way. Mostly of this is hypothesis and not confirmed theories. But I'm certain of one thing, even if I haven't been able to convince you.

*We do not circulate around the sun!*

## TIME-TRAVELLING

I have in this theoretical story said that time is a constant. Deep inside me I don't believe it's true. At least I hope it isn't true. No one would be happier than me if we were able to find a way to manipulate the time. I don't say this because I want to be younger or get eternal life. Such things have nothing to do with time. They are physical changes that have to do with transforming energy. It's not the time that makes you get older, it's a physical and biological process doing that.

I believe that if we could be able to manipulate time, we would be able to travel faster than we can today. Do you remember the experiment with the car that travelled from point A to point B? At point B we filled the gas tank up making the car get its former position in the time-room even if it was at a new position in the world that we can see. Transforming energy made the travelling by the car. What if transforming time instead could have made the travelling? How fast would the journey been then?

Albert Einstein's theories shows that time would be standing still if we travel with the speed of light. But what will happen if we travel with speeds faster than light? Then the time would begin to go backwards. Let's make a mind-experiment thinking that this would be possible.

We get into a rocket. Our rocket accelerates to the speed of light. Time stops. Our bodies will not stop getting older as many believe. We are still getting older even if we don't do it as rapidly as our friends on earth. Growing old has nothing to do with time here, it's the great amount of kinetic energy that make us get older in a different way.

The rocket now increases the speed beyond the speed of light. Time begins to go backwards. We are not going back in history. History is just memories in our brains and can never be brought back to the physical world. What is happening now is that we are travelling in a new way through the "real" universe. Let's say the speedometer shows 0 miles/h when we reach the speed of light. When we increase the speed to 10 miles/h according to the speedometer, the real speed maybe is 100 miles/h. What I'm trying to say is that we no longer travel by normally physical laws. We could reach our destination in just a few seconds, no matter how far away it is.

Such a journey isn't possible to do by transforming energy. We can never reach the speed of light that way.

Now let's do a different journey. If the time begins to go backwards when we go beyond the speed of light, what would happen if we travel with 0 miles/h? To reach that speed, it's not enough to stand still on earth. Then you would still be moving. Though blood circulation, molecules and atoms still are moving in your body, you'll have to stop even these processes. Let's say you could do that. What will happen then is that the time will run away from you. You could say that time stopped for you. You can't keep up any longer. The physical world you have around you would disappear. You would be weightless. Your gravitation would disappear and no other bodies could affect you.

Does this sound like science fiction? Well, it isn't. Man has already shown this phenomenon. It's much easier than reaching the speed of light. I'll explain.

Do you remember my explanation of gravity? How everything that circulates creates gravitation? I described it with an electromagnet. Now I'll give you another example.

Take an electric wire. Cool it down to the absolute point of chill, which would be zero degrees Fahrenheit. Now let electricity flow through the wire. Now you have created a supraleading wire. The electricity will get no resistance in the wire. There will be no electromagnetic field around it. The most interesting phenomenon will occur if you take an ordinary magnet and put it over the cooled wire. Then you will see that the magnet is floating in the air. This isn't any hocus-pocus I've made up. The scientists have worked with this for a long time trying to find new areas of use for this, and easier ways to construct these supra-leaders.

These symptoms between the supra-leader and the magnet are similar to the phenomenon you would get if you would be able to stop all circulation in your body. Unfortunately this is only possible in theory. Circulation doesn't stop even at zero degrees of Fahrenheit.

If you cool yourself to the absolute freezing point you will definitely get older in a slower way. Of course you will be dead but your body will stay fresh for a long time. This is interesting. Both at absolute standing still and at speeds beyond light you can presume that the process of growing older will change. You loosing track of time must cause this.

The examples I've made here show one thing very clear. Time is a very important component if we want to travel fast. Time-travelling is very interesting. If we would be able to make a time-machine I believe we could travel to other places in just a moment. Not to other places in history but to other places in the world.

To make a time-machine, to be able to manipulate time, we need to know something. We must know what time is. I don't know. I used to not know what gravitation is. Now I think I know, after twenty years of wondering. I have no hope to understand time. Not even if I wonder in a hundred years more. I think I've reached the limit of my capability. But I do believe that someone, sometime in the future will solve this problem. It won't happen during my lifetime. I regret that though I believe that the solution to interstellar travelling is somewhere in time. Travel in time and you can go wherever you want. I'm sorry I won't live to see this. It would have been fun to travel to the stars and see how it's like there.

### **THANKS**

Here my story ends. Thanks for taking time to read it. I hope some reader can gain something from this knowledge and go on with it. I also hope that the science about these kinds of matters can have any use of my thoughts and theories. Of course I know that many scientists and physicians will dislike my writing and accuse me of spreading a false picture of the world. I really don't care. The world I've described here is the one I believe in and I hope I'm right. Otherwise I'm certain that someone will try to convince me about the opposite.

Hoegboda, Sweden, 1999-01-01

*Mats Jansson*