

# Taste of Luck

Network, Power and Motivations

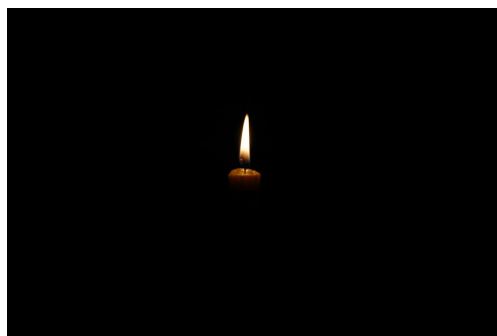
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2014

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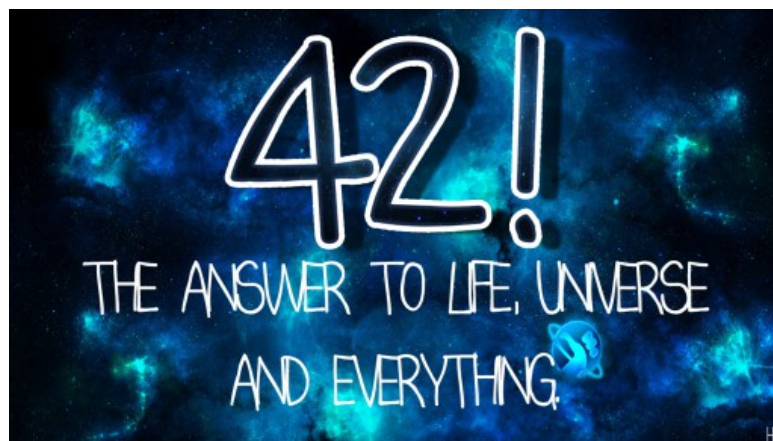
## Welcome!

My name is Lorand Kedves, I live in Hungary, which is a small country in Central Europe. I am a system analyst, software architect and programmer, but to add a bit of spice to this, I would define my job as applied philosophy. On the other hand, I am not a lecturer, I have no experience on this field, but I do my best to make you stay with me for the next hour and in the end think that it was a good decision.



I initially created this lecture for the request from Rotary Club Budapest-City, in 2013. I received the invitation after I wrote an open letter to Viktor Orban, our Prime Minister in Hungary, and criticized his speech in which he illustrated his autocratic governing with my profession. As I saw, he demonstrated having absolutely no idea about how to design and manage a working, self sustaining system – or from the other point of view: considers this country his personal puppet-show. I first wanted to change the taste of this topic by showing how lucky in fact we are, that our government shows us the true motivations of our current control system, with dumb, brutal honesty. Brutal is bad, but honesty is good, and we are free to focus on the second one. Later I realized that a purely political lecture is too shallow and not fit to the atmosphere of the club, but the word “luck”, and its explanation stayed in my mind, and unfold itself to this lecture. I finally presented it on 21<sup>st</sup> January, 2014, I am grateful for this chance, and have met with great people there.

The original time limit was 30 minutes at most, but they asked me to talk about a topic that I am most interested. That is in short: “Life, the Universe and Everything”, and as I have just passed my 41<sup>st</sup> birthday, I should be quite close to the answer... I was not too polite and talked for about an hour – and still skipped some points. I thank them for their patience and the positive feedback they gave me afterwards.



**DON'T PANIC**

I decided to finalize this lecture by adding this foreword, and make it available in various ways. My reason to do this is that **I see the storm coming**. I saw it decades ago, when I started writing my ideas down, when I created a foundation, when I started working on the IT backbone of a new civilization, when I wrote my second book, Mondo Aurora, when I tried to talk to anyone about it... serious effort with no result. The storm now is coming to the heart of our world. It is there at Fukushima, in the dying oceans, in the Far and Middle East, trying its power in Greece, Ukraine, and various places on Earth.



I have a very special thinking, tested and validated along 20 years of successful designing and implementing complex systems in various environments. I see the patterns, and I have a warning to you. You must realize that both **our world and your own brain changes with very small steps, every day**. The state in which our world, or you will be by the next year depends on the 365 tiny daily change. What we see as our destiny is in fact a cumulative result of 365 unconscious decisions. **To control the future, we must focus on them, instead of moaning about the outcome.**

Right now our civilization is a giant network of human beings, actually dreaming, not conscious of its power, and the consequences of the basic rules it inherited or created, and blindly follows. This is why it is on a self destructing path. It is a false illusion, that the whole civilization, or a certain percentage should wake up to avoid this fate. We need a sort of community acupuncture: some conscious people in this enormous network, who are at the key points of its channels. Some of them are already aware of their responsibilities, but not of their real chance to change things. Not alone, but trough finding, trusting and cooperating with other, similar thinkers.



To wake up one person, it also requires a sort of mental acupuncture. As I finally realized during the creation, and thinking over the experience of showing it to the audience, this lecture is something like that.

Our thinking is a network of ideas, patterns, but it is very likely that it is fragmented and shallow at several key areas. It is very likely that you are not aware of the connections between your personal life and the events in politics, economy, nature and very close future; how strongly they are linked together, and how much things depend on you! In this lecture I mark key spots, and pin a needle into them. You will feel they are very far away from each other, but I will show you the strong relationship.



I suggest you not to believe me, and not to make up your opinion, or start chatting about it after the first run. Put your time into thinking it over alone, read it again and again, because I know it from experience: you will not remember what I said but what you read. If you change, the meaning of this lecture will change for you. And either like or hate, **if you feel anything about it, share it without comments**, to let others judge it for themselves as well.

As I see it now, if we want to give our children a chance to live a meaningful life at all, we must achieve something we don't believe in at all. That is absolutely correct, **we can see no rational chance for the required, fundamental change**. I want to show you that according to my analysis, **this is because of our limited vision – and not because we don't have the chance**. But it takes your personal time, effort and faith to change your vision and become able to see it.

I hope that apart from this start, you will enjoy the ride, because your brain is in fact constructed to enjoy such mental training. So, here we go, starting with the explanation of the title. The two segments of the title seem to have no connection, but to me, they mean exactly the same.

According to Seneca, **luck is when preparation meets the opportunity**. I will show you that the **preparation is a network**, both in the outside, physical world, and internally in our brains. Then I will examine **opportunity**, which **is the power to act**.

The best part is motivation. Luck is only a chance for doing something good, but we have to live with it. Take our luck inside, let it lead and change us so that we can change something bigger than we would ever expect. **Motivation is when we are brave enough to taste our luck and act upon it**.

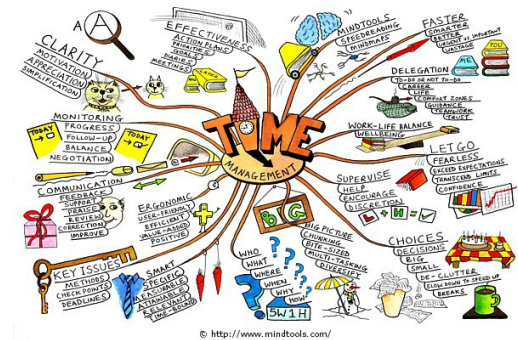
I will spend most of the time on the network part, then shorter flashes come about power and motivation, followed by a summary and a current example.



# Preparation is a network

When we prepare for something, we actually build networks on different layers.

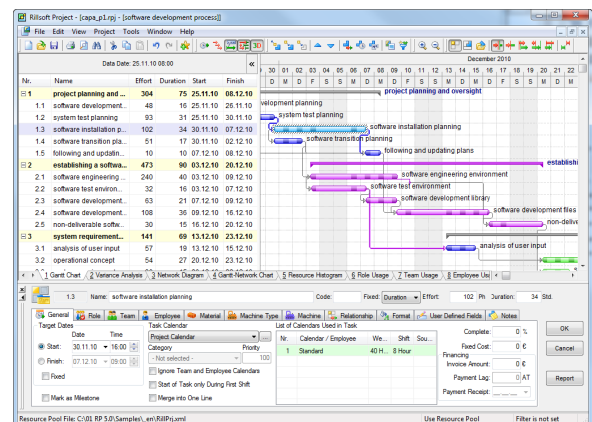
First of all, we learn about the topic. This means collecting pieces of information, and analyze their connections, so we have a **network of knowledge** about it. Then we start collecting partners if needed: people who can know more about the topic and help you with the unclear segments, or who actually can help and do some tasks. A **network of people**.



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9:00am			Lecture				
9:30am	Lecture		Lecture	Lecture		Test	
10:00am	Lecture	Lecture				Test	
11:00am			Lecture		Lecture	Test	
12:00pm		Lecture	Study			Test	Study
1:00pm	Lecture	Study	Study	Lecture		Test	Study
2:00pm	Lecture	Study		Lecture		Test	Study
3:00pm					Lecture	Test	Study
4:00pm							
5:00pm			Lecture				
6:00pm			Study				
7:00pm	Study	Study	Study	Study	Study		
8:00pm	Study	Study		Study	Study		

We also need some resources, tools, equipment at hand; a place to do the job, etc., this can also be represented as "dots", connected to some of our knowledge and partners. We build a time table to have all needed components at the same place when we do the task. A **network of resources, states and time**.

We also need a **more abstract network: task dependency trees**. We break down the original big goal to a list or a tree of subtasks that we have to complete to achieve the goal. We also analyze the importance of each step, separate the mandatory and the optional elements to make our actions flexible and prepare for unexpected situations. We also make a time plan: rough estimation of the time required to complete the tasks to know in time when we started to slip to be able to overcome the problem.



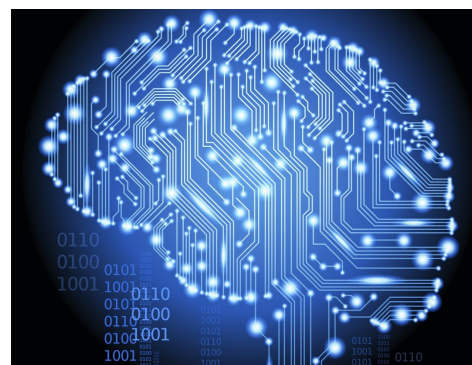
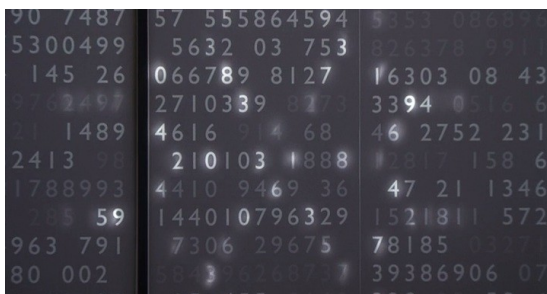
After we have completed our task, we analyze our network, adjust the items, connections, weights of the elements to the experience, and if we do it regularly and objectively, we will be good at that topic. If we fail on some of the goals, we also start looking for networks: hidden or misunderstood connection between the elements, or parties.

This is true for our daily morning preparation, our plans for the next year (quite popular topic in January), country-wide infrastructure investments, law making, or to the next era of our global civilization. **This network is always related to the actual topic**, and with time, we will gain "high preparation level" in a few, selected segments of life.

**However, preparation (network building) has another layer which is global and fundamentally uniform: our brain.**

We imagine that our brain works like a computer: we feed some information, it does some reasoning, and gives an output in a serial, managed, conscious process. I am a computer expert, so you'd better respect my words:

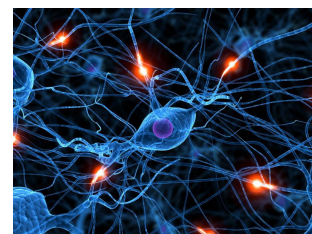
**the human brain simply could not be any more different from a computer than it actually is.**



**Our brain is a pattern matching machine.** The main task of the brain is to filter the meaningful signals from the massive parallel input channels from the external world: images, noises, smell; connect these items to some unseen information (like "tiger" or "rabbit"), and assign the proper action to that ("run away", "hunt").

Important: **it is optimized for speed and not for correctness!** A slow decision is more dangerous than a bad one: if we are not fast enough, we have no chance to win.

The actual hardware is optimal for this operation. The basic element is the neuron, which is only a thin electric wire with one(!) built in logic operation at the head. The head gets signals, and if the operation results to true, it emits the signal at the tail, which is connected to other neurons' heads. Our thinking, for example as you read and process this lecture at this very moment, is an electric storm among your neurons.



The current operation is totally temporal, the **signals come and go all the time**, but our brain has to adapt, change its operation to respond better to the signals. **The permanent storage of the information is the structure of our brain**, the connection of the neurons, and this also changes with time. If a certain connection is used repeatedly, it gets stronger. Pieces of information are represented at small segments of our brain, and they are connected by neural pathways if they appear repeatedly together in the electric activity.



**Conscious thinking, reasoning uses this hardware.** We give an order to our brain to find a path between endpoints, using the currently known knowledge elements as hops: we try to find out why something works that way. When our brain finds a path, we feel happy – our brain is success-addict on hardware level. We start using this connection, and if it appears regularly, it burns into our brain's structure.

However, if you noticed, **our thinking model has nothing to do with "truth".**

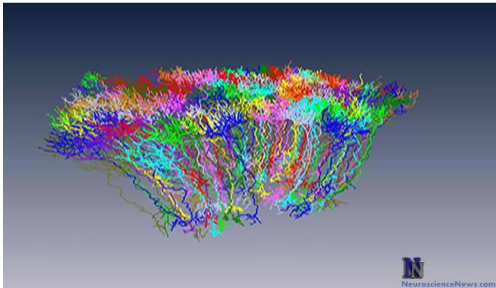
This image, the "weird web of things" (that I assume you feel right now as well) is the typical representation of madness. By now it should be clear that we unconsciously filter our input signals, build patterns that must be fast first and correct only secondly, and we base our actions and further reasoning on them.

**This network can be plain simple or ultimately complex, but fundamentally wrong, independently from our best motivations.**

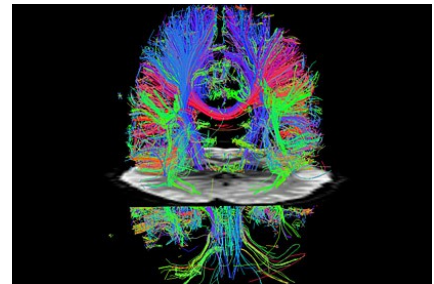


## The network is me

Starting from the term preparation, we landed at this statement, and naturally **we have the motivation** to somehow understand and validate the operation of this network, thus ourselves, **to ensure that we think rationally and give logical reactions in most situations.**



The first idea is to measure, analyze and model an actual neural network, like this one. This is a real study of a neural network, reverse engineered a living sample, mapping the neurons one by one. Looks complex... but this is only 140 neurons in a very small portion of the network inside the eye of a mouse.



Unfortunately, according to another study, **our neural system consists of 86 billion neurons**, roughly mapped here. Believe me, this is a real difference, and it is almost sure that we will never ever be able to have a full model of a single human brain.

That would not only require a hardware that is able to manage the 86 billion neurons and all of their connections, emulate the constant, fully parallel signal storm of the brain. It would also require to **collect the total snapshot of all the neurons in one instant**, because if it takes any amount of time, the structure changes at the same time, and the model will not be consistent. And if we can do even that, it also means nothing, because **the structure constantly changes**. The “cloned” person will be different from the model within a minute, as we all know that our whole personality can change in a single critical or blessed moment. And **if we have a replica of one person, what does that mean to the 7 billion other people?** Remember the great discovery of the human genome. It was advertised as a great leap, and it frankly can be mentioned that way, but how much it changed us practically? To be honest: not much.

*Then what? Should we give up understanding ourselves? No, but we should consider the experience we already have, take flying as example.*



Our quest to flight lasted in the whole recorded history. First we believed in wonders, no matter if we call the person Icarus or Clark Kent.

Then we started building gadgets from unfortunate animals, or tried biomimicry, like the brain modeling story.

*Today, we have no validated flying superhero, and are still unable to create a single feather, because it is so complex, but flying became totally natural.*

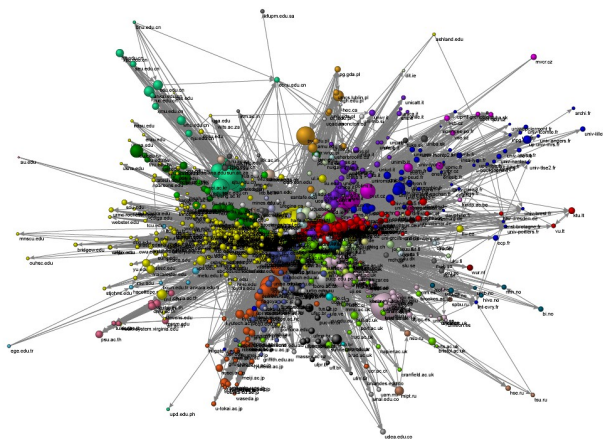




How we did that? **We separated the important physical laws, understood their operation, and gained the required level of infrastructure,** which means important advancements in other areas of science (physics, metallurgy, mathematics) and industry (electronics, engine mechanics, high precision factories). No birds have turbofan engines, and our planes can't build a nest, eat or sing; but we can fly faster, higher and further than any living creature.



Another example is a heap of sand. It consists of immense amount of sand grains. We can model any grain, but in even a small heap there are too many, so **we simply can't calculate the behavior of the heap exactly from its grains.** On the other hand: **we don't even care,** because using the proper tools, **we can manipulate the heap just as precisely as we need.** Give or take some million grains is not an issue. With finer tools, we can do true magic (though perhaps the second example is less practical).



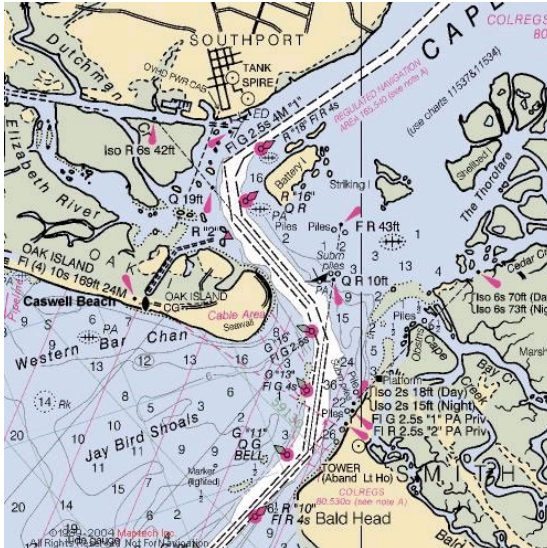
**We can do this with our brain.** We can forget about the individual neurons, because we have statistics and probability equations, chaos mathematics etc. to model the mass of neurons. We have huge amount of experiment results, called philosophy, religions, history, psychology etc. to use. We have real results like mass education, political campaigns, marketing tricks.

They clearly indicate that **such laws do exist,** as **we are able to have general control over ourselves or a human population** – although we can't forecast our thoughts in any single moment or the actions of a selected person.

**Reverting this statement gives a warning also: if we miss the fundamental laws, we will surely find our individual and global operation a total mess.** I say that we just do this by misinterpreting the primary objective of our brain.

# Control

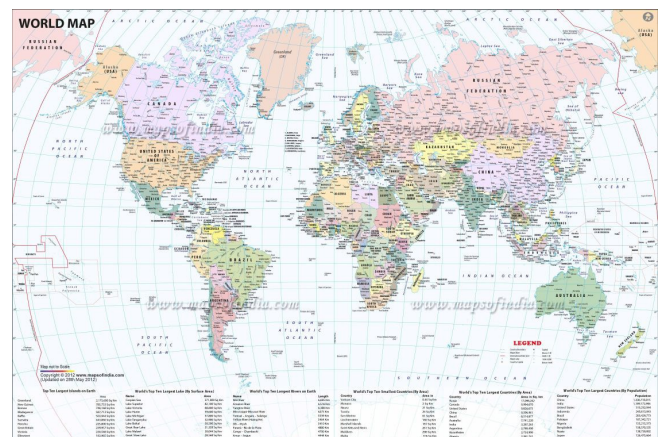
Our brain is just another organ of our body, as we have stomach to digest food, legs to walk, we have brain to control our total operation. What is **the primary objective** of a control organ? It is to **stay functional**. Otherwise the individual has high chance to be lost, or even if survives, it can't process the experience and adapt to it. So, **our brain is wired to keep its structure as intact as possible** and works heavily against any fundamental changes – even if the need of such change is evident, it will fight against it until the last bullet.



The **second objective is to keep the individual alive and safe from harm**. That means our brain constantly monitors its own efficiency, “feels comfortable” in environments where it can forecast the events properly, and has “fear” when the efficiency decreases. It is safer for the individual to escape from alien environments, so we have wired instinct to separate ourselves from them. This works the other way too: we have motivation to behave predictably for the others to keep them in comfort together with us, so as a community we can raise our common happiness by accepting the same rules, even against our purely individual needs.

**These are the hard-wired motivations of our control system**, the rest comes only afterwards, and although they interact with the primary objectives, it is essential to know if we have serious problems with the primary ones, they inevitably poison the whole operation. Unfortunately, this is exactly the case.

**Our brain has to manage an information boom.** Just imagine how much more information (both amount and complexity) our poor brain has to process, compared to a man 200 or 20000 years ago. **It was developed to deal with some hundred people at most**, for the whole lifetime, it had to deal with **a small geographical area**, and the **same environmental conditions**. It had **fixed patterns** (legends, religions) for the important life segments (youth, relationship, children, getting old, dying), working on the community all the time.

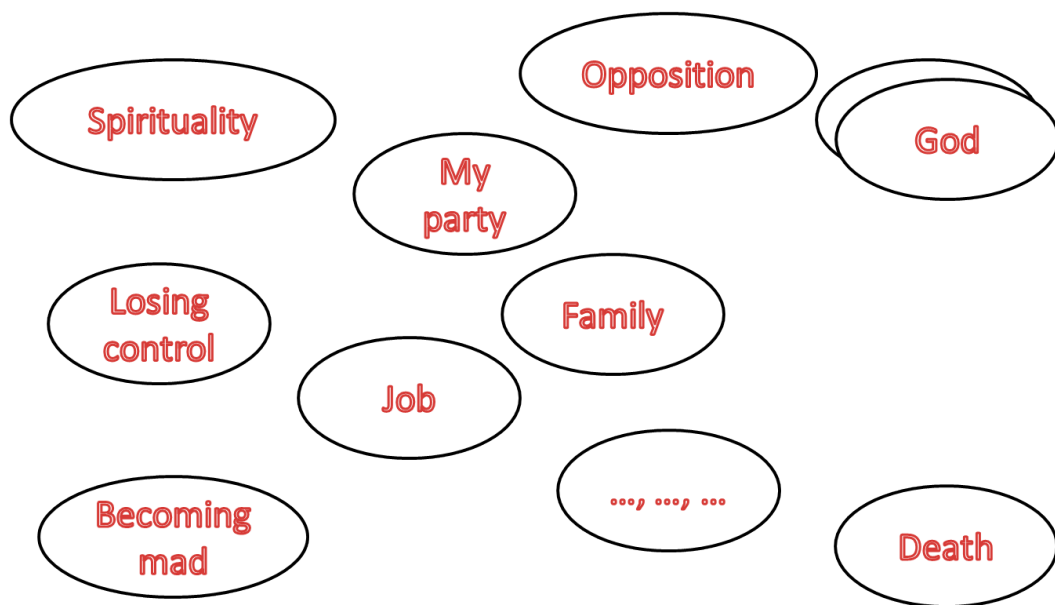


This is essential, because **our brain is crippled at start**: at the end of the childhood it has to realize from experience, that **it ultimately fails on all of its primary objectives**. There are situations that it cannot control; it will not be able to **keep away from harm** all the time, and it will inevitably fail on the “**keep alive**” order. Small, stable **communities and religion gave redeeming patterns that our brain could rely on until today**, when we have lost this support or got rid of these limits (the words depend our current mood).

**The response of the brain is pretty straightforward.**

It is not able to handle all the information in all segments, so it follows its fears, and **creates smaller, separated, more controllable islands** for the important segments of life, and tries to keep them apart from the less controlled parts. It responds with **self separation** to questions outside the comfort zone (if it has to be done, “not in my backyard” but somewhere else). It **heavily filters the input channels**, wants to see only information that fits to the current concepts, and **reacts on emotional level to any attempt that breaks these safe boundaries**. It has to, because it is really a threat to the primary objectives: stay functional, stay in safe area.

On the other hand, it can't get rid of the feeling that these islands are interconnected (as they truly are), but being scared to death from these areas it is not able to objectively analyze them. This is the generic source of conspiracy theories and increasing tension. **Our very basic motivations** to stay in control **results fragmented knowledge networks, leads to constant frustration**, micro-managing small segments and hopelessly **losing control of our whole life**, making us victims of **political manipulations and marketing fairy tales**.



So, on the aspect of preparation/network, we can clearly say: “Houston, we've had a problem here...”



## Power

At the beginning, I connected the “opportunity” part of luck to the term “power”, that we must also get to our preparation to be able to do something. Let's see what kind of power gives us opportunity?



The first thing that pops into my mind is **a huge machine that allows us doing something** that would be simply impossible for any mass of simple human beings. Then I switch to **the results of using such power**, like a hotel built upon the sand bed of the sea in Dubai, or an airport on an artificial island in Hong Kong.



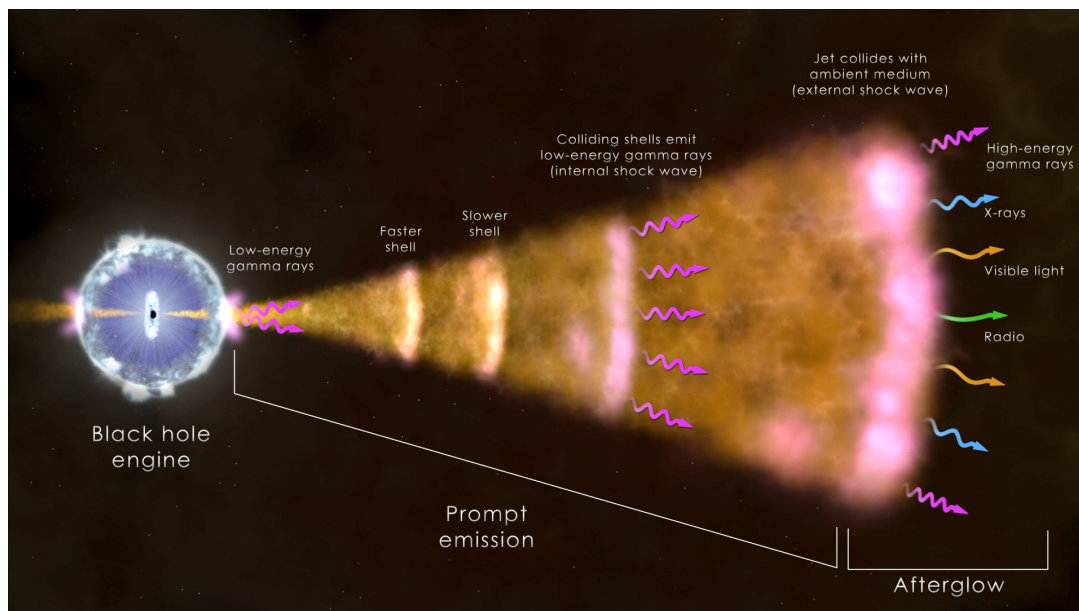
These are visible results of great amount of power, but then I start going up on the scale, and get to this image. Perhaps it is not so obvious that the picture shows a power way above the previous ones: the river Danube. **It moves gigantic amount of water each second to very far distances; it worked far before human beings started reasoning, and the lifetime of our heroic products is just nothing compared to the river.**

**We forget about this power magnitude, because it is within its banks, and we simply live too short to see that these things can change.** But when nature elements leave their normal path, we are helpless. Just for example, the earthquake of Haiti in 2010 January has just demolished a whole country. According to the International Monetary Fund, more than half of the 10,000,000 cubic meters of debris have been removed, and 20 percent of it has been recycled until today. The Fukushima disaster will be serious threat to all of us for centuries.





And, as we are here, I can't forget my personal favorite, the Gamma-ray Burst (GRB). This may last a few seconds, but during that time it emits more energy as gamma radiation than the whole Universe, in very narrow jets. We were able to detect a burst from 13.6 billion light years distance, which is simply the other end of the whole Universe. We get a direct hit from a very remote GRB once a day on average, and a hit from a close one would simply wash away all life from the planet. Period.



Do you know the story of Schrödinger's cat? In short, we put a cat into a box with a poison that can surely kill it, but the poison is released if a random event happens. While the box is closed, the cat is neither dead nor alive, it is in a third state.

**Do you understand that our civilization is in Schrödinger-state?** The “present time” travels in space at a relatively low speed of light (compared to the distances), gamma jets act as the poison. Like the flying bullets in slow motion in the Matrix movie, first episode. It is very unlikely, but possible, that our civilization ended half million years ago (in “universal present time”), when a jet was fired towards a then-empty space but where we have arrived today; from such close (half million light years) burst. That **“present” may be traveling towards us at light speed, and when it reaches us, we all die; but until it appears, we know nothing about it.**

The power of nature exists at these magnitudes, and renders all our efforts just invisibly small. We simply can't handle these measures in our minds, and live too short to experience them directly. **However, we can use these analogies to our civilization.**

**The real power is invisible.** We don't realize that it appears here in this very room now, because we forget about **all the technical advancements of centuries** that allow us to have light and warm here, get safe food, have the shared language and the concepts that allow us to discuss complex ideas. We forget about **the thousands of people working at this very moment** to let us talk here. By the way, this is very similar to our brain: the infrastructure is like the neural network, and the current working people are like the electric storm within.

We don't realize that IT in our era has dramatically changed our limits: we can have on-line connection to anyone on this planet; we can have real friends all over the Earth, and also through time, anyone who has written a line can affect our life today, as we can also hit someone 2000 years after we in this room have all died. **I think the human civilization as we know it has ended decades ago, but this “present” has not reached through our pattern structure yet.**

## Controlled power

But going back to opportunity, in our common thinking we can narrow this power to **controlled, human power**, and it **appears in our minds as a heap of banknotes** (or as equivalent, a great number in a bank account). We translate all actions, disasters, plans, etc. to a sum of money in the next sentence, to make it “measurable” (older people like me may recall the statement of the Little Prince from Saint-Exupery), and translate the control to the ownership of this amount money.



**This concept is fundamentally wrong.** All **human power** is created by and depends on **the existing infrastructure and the cooperative community** (like our personality is the brain structure and the internal electric storm). If this community accepts the money for some activity, then this is power – if not, then this is only a heap of funny paper notes.

Consequently, “**owning**” **power through money is a fatal illusion**, although we accept this as the foundation of our civilization. It is fatal because we made the infrastructure and the community fully dependent on money (it makes the world go round), but forgot to notify the owners that consequentially they are fully responsible for making the world go round, and if they make bad decisions, the world will collapse – as it does today.

This is very similar to a situation when operators go into a control room, but know nothing about the power plant it operates. They do not know the fundamental rules that, as control operators, they must follow. Do not realize that the whole control room, and their role was created to keep the plant in safe conditions, and not to play. This is the true picture of our economy and politics, not only in Hungary, but it is very transparent here (as we just had the first terror attack against a bank).

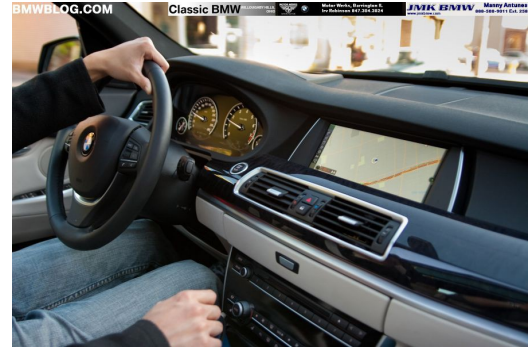


This image clearly summarizes the illusion of control. **The movement of the car depends on physics: speed, energy, friction, etc.** The driver can only show his wishes of where to go. The car can't operate without its infrastructure: you would perhaps mention gasoline, but that's wrong: it needs a huge network of smooth roads first. The driver knows nothing about the equipment, it's a result of a global procedure and combination of millions of work hours. The controls are not connected to any physical device anymore, they only inform the board computer about our wishes that it actually transfers and sometimes modifies according to its intelligence.

So yes, **we do have control, but it is very fragile and limited. Forgetting about these facts lead to great mistakes** – and the very harmful mistakes we make today are clear indications this error.

## Motivations

And we still not reached the end, **the most important question is ahead of us now: what controls the driver?** Can he turn at any corner? No. He is driving that car because he wants to achieve something. Go to the shop, or to work – or he has to make some nice pictures for a marketing campaign. He has a cause to use his power and drive that car. This cause affects the whole process, including the use of power itself. If he has to hurry to the hospital, or he is a street racer, he will likely forget about rules and use the power in a dangerous; sometimes even in a totally mad, hopeless way.



**So first of all, we should watch our motivations:** where do we want to go, why do we want to go there, what do we need? **If the motivations are wrong, we will surely misuse our preparation and opportunities.**

**Being human is a burden:** we have a sensitive and fragile biological body with limited lifetime; and a brain with the core motivation to keep us safe and alive forever. Today, in the “developed world” we commonly choose to forget about this fact, but the rest of the world and in the whole human history before, **this meant shared pain, needs and dreams**. Accepting them feels bad for the individual, but essential to the community: **it aligns our personal motivations and creates shared, true power**: we all want safety, relative comfort and a better environment for our children whom we will pass our world. Of course, this common motivation was channeled to various projects, from building our world to world wars, but at least the individual motivations were clear and aligned.

Today, our motivations are unclear. We hide our fragility and limitedness because of the gut fear, so we let it control us from the subconscious level. We forget about our responsibility, and act like we would be the last human generation on this planet – and in this way indeed we will be. **The human civilization now looks like the river without its banks, we destroy our environment because of our current, false concept of freedom.**

On individual level, we have the opposite experience: we don't feel motivated - but knowing our mental network, this has a very simple cause. We have an image of our own life like small, isolated fragments that we try to control but feel that the unseen connections make that impossible. This wipes away any motivation for sure.

And so motivation is exiled to films, political campaigns, advertisements. “Smart people” are those who don't get motivated, stay cool, not behave childish. However, **a real change depends on intelligent AND motivated people, who are ready to live or die for their dearest aims**, and who actually want to be motivated – seek for the “flow”!

The flow is the feeling that we don't micro-manage our brain and actions, but feel that we are on the right track. That's on brain level: our networks are properly created, and find the right patterns without real effort. This is described as the way of the most creative activity. This is when you don't have the control, but the process has you like a perfect tool. Knowing this is not new: the ancient greeks had the term “genius”, but it was not the person, but an external entity who visited the person and helped him along the process. Pretty good description of the flow.



## Images of motivation

The first image popping into my mind was the speech of Aragorn at the gates of Mordor, before a seemingly hopeless battle. It's so powerful, I'd like to quote here:

*Hold your ground! Hold your ground!*

*Sons of Gondor, of Rohan, my brothers,  
I see in your eyes the same fear that  
would take the heart of me.*

*A day may come when the courage of  
men fails, when we forsake our friends  
and break all bonds of fellowship, but it  
is not this day. An hour of wolves and  
shattered shields, when the age of men  
comes crashing down, but it is not this  
day!*



*This day we fight! By all that you hold dear on this good Earth, I bid you stand, Men of the West!*

**Strong, motivating words – epic failure.**

It gives the **false image** that the motivation would require a battle. Here we have an image of an external war, and this connection is very dangerous. Not only because it burns the war into our minds, but because it **gives a feeling: there is no war today, there is no reason to have strong motivation...**

Then we turn to “internal battles”, winning over ourselves. Pardon me? My arms win over my legs? Is that a victory, or simple stupidity, instead of understanding what my legs and arms are good for, and use them accordingly! No, **we simply need these wars, because our brain is “success addicted”**, and having short time battles, it gets the joy.

*OK, let's forget about the battles, select a good deed to  
be motivated. Do I have problem with that? Sure, more  
than with the previous.*

We see a big white hand “helping” the small black hand in need. That's wrong! The big white hand has destroyed the communities, the whole, more cooperative structures of the black continent. It poisoned them with their race concepts, not surprisingly won, and took away all material and spiritual treasure from them. **That white hand is in fact fully responsible for the black being in need.**

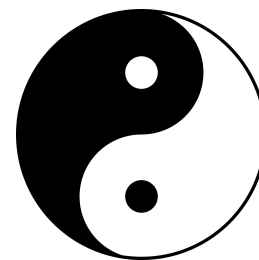


Furthermore, the big white hand has X, Y, Z generation children, who are totally lost in a new world, hopelessly seek for any true motivation, usable patterns, images of the future. Sorry, in our economy, the needs and life conditions of the next generation is not represented. These kids' personality, responsible thinking, etc. is simply dissolved in constant games and Facebook messaging. **We need the help from the poor, who still can see the real world instead of numbers, ads and political slogans, we need to share their pain to gain real, aligned motivations again.**



## Summary

At the beginning it looked positive, started with “luck”, but by the end the taste seems bittersweet. I rushed over very far points, but they were not jumps but through strong logical connections. The conclusion is: **you choose your mood, faith, image of the future, this is your real freedom**. Later it turns to motivations (or lack of them), goes through our understanding and power, and turns to actions. **Choose your faith with full responsibility.**



Take our current political scenario as a quick example. You can think that now our president had sold our future to the same empire he was proud of sending away. We can be scared of that, because our future leader is not from a law school, but got his ideas, experience and control network from the secret service of the old empire. I think it is not an ad hominem logical fallacy to say, that working happily for the Soviet KGB requires a certain personality. He will control the majority of our access to energy (gas, oil, nuclear), which is the true power if Rothschild's law ("Give me control of a nation's money and I care not who makes it's laws") fails in the next monetary crisis.

Or, you can think that at last we have a leader who is dumb enough to show that this current system is not for us anymore, but against us. **It is not the monetary crisis or the lost dream of democracy that kills us, but the nuclear radiation from the current and upcoming accidents, the water and food shortage that comes from the climate change.** Our current global control system is not prepared to these issues at all. **We must see this in time, and remove the false images from our brain**, improve our reasoning skills and select a real image of the future – instead of having none or just a meaningless fairy-tale.

**Learn from the yin-yang.** Today we take black and white to the same spot, try to compare and select one of them. We forget that black and white is equally important in the cycle of life, trying to compare and select **“the winner” stops the natural movement, and today we don't improve, just get fat**. Although we have to select options for ourselves, we should let all options go and act at their places, to roll the cycle again.

Now **we imagine a world in which we want to be young**, because we like that idea; but we all know **we will get old, when “challenge”** does not mean skiing on the black track, but **to get out to the toilet**. This makes us frustrated. Imagine and work for a world in which you would accept being old, a world in which you would accept your death – and that calms your brain enough to be objective. And in this world our children have their place automatically. They will help us going out to the toilet, and they will keep us in their kind memories after we have passed – not the endless IT guano layers of self pictures and videos.

Remember: **your brain, your natural approach is not your friend**. You by nature try to explain your own behavior to yourself, and criticize others, because your brain primarily wants positive self image – but in this way you can't learn anything new. Turn around, explain the opponent's behavior and criticize your own. Learn to be happy when you find an error on your side.

Make fun, not war! If you watch it from neuroscience, “fun” means telling stories to each other with hidden, absurd connections between far regions; joy is achieved by struggling for and then realizing the point. A good laughter gives the same positive feedback: endorphin flush through your brain just like defeating your opponent – but winning is individual, good jokes can be shared and don't hurt.

You have a static image of yourself, based on what you have achieved and how you see the world today – like a statue. This is a dead image, but **we are alive, we are in constant motion**, not only the electric activity, but the structure of our brains. That means **your value is not how you can stand** (how many times you can repeat your opinion), **but how you can dance?** How critical you are against your own opinion, how open you are to opposite views, how objectively you compare your ideas against the opposition – and how fast you change according to the findings? **Understand that being stuck to control surely makes you lose it**; if you learn enough and prepared to it, you can **let it go and have the flow**.

**Read** Chan-budhist texts, or Anthony de Mello. **Slowly. Repeatedly.** Or the New testament, with the feeling that it is not something to blindly follow, but to understand. Or Douglas Adams. Or my blog and books :-) All you have to know to change this world is written already, thousands of times, and most of it you also know already. Your understanding, your awakening is the only required part. These are like software codes to improve your brain, but **it is not enough to “load” them** – you have to execute them, repeatedly, consciously, to **have your brain structure changed by them.**

You should understand that you as an individual, repeat the evolutionary process of the civilization, from a very limited view of the world as a child, to our global, shared knowledge. Each and **every morning you wake up as a slightly different person, this is a biological fact of your brain.** If you realize and control this process, one day you really wake up from your life-long dream as well.

*I say that I have done my journey, you may ask if I see a completely different future? No. I see a completely different present.*

**We don't have to spend million euros on modeling the human brain – but should spend a lot of time individually to learn using it;** and then with a minimal effort we can improve our existing communication systems to interconnect our knowledge, and support forming the information core of the human civilization. We should be aware that our brain adapt to the input we get, so we should be much more conscious about what kind of patterns we propagate. Lies, logical fallacies, stupid dreams are easier to make and profitable; but **having a huge civilization with no ability to think, no self control and absolutely false self image is a recipe for suicide only.**

Do you **prepare yourself becoming a hard-working, faithful, reliable person,** or someone who wants to get everything but thinks smartness to avoid paying for it, a superstitious idiot begging for the help to the holy script-writer all the time? Think of the current blockbusters: main heros fix a reactor core with random kicks, always find the solution after the ad block, grab the edge of the cliff with three fingers, and then naturally, climb up under the fanfares. Think of the science channels selling stupid “experiments” as knowledge, and hiding that for collecting just the basic generic knowledge, you must learn and practice hard for a decade in elementary schools, and it literally takes your whole life to be really good at one thing. Think of the sports news which praises the famous ones, and never show the thousands or millions who start following them, but fail and get frustration only, no muscles but posters on the wall and feeling small in the heart. Just remember “Felix Baumgartner's supersonic freefall”. You recall a 3 minute video, showing him from different angles, with speed diagrams. Never think of the year-long preparation of experts, not watched the on-line broadcast with the endless checklist reading for the last hours, because that is BORING! You want the show – and don't want to know the real work required for an action where you have only one shot and can't fail. Because you and they don't want to ask the question: does it worth?

Remember the gamma burst: **“present” can be totally different from what we see.** A few centuries ago, “present” for the western civilization meant a flat Earth with angels behind a black curtain above us - the truth as we know today took ages to get into our common consciousness. The world has changed, but this takes time to get trough our pattern system. The world without paper was invented in 1970, Palo Alto Research Center (graphical user interface, mouse, laser printer, internet, tablet, etc.) but it was too expensive and some of them technologically impossible at that time. The concept of inevitable global war disappeared with the collapse of the communist block, now we have single global concept of control (with small exceptions). Around 2000, the IT boom created the global same time - this is the same to our civilization as we would break the light speed limit and get up-to-date information from the whole Universe, where none of the stars are at the location we see them.

The only problem is our thinking, which keeps the old patterns: we use more paper than ever, recreate the concepts of war, and use the IT infrastructure to dissolve our human personality in a global soup of worms.

## An example

If this is present, prove it, you say, and that's OK. For example, this is an eBook, a nice present that helps you kill some time on a bus or on the beach.

No. This is an eInk display, that requires energy only when the image changes, so this tool runs for months with the same battery that you charge every day in your phone. Which means: with a solar panel or simple charger wheel, this **can operate forever without a plug**. We have an energy crisis, or not?



**This gadget can store about 1000 books. In your pocket.** Do you see the amount of paper, the energy and resources needed for creating and transporting them just not needed anymore? Those books are **not burned into this thing, that 1000 books can be any of all the books on Earth**, in practically no time, requiring almost zero effort, using the global IT infrastructure (if we forget about the stupid boundaries like different formats and copyrights).

**If you put a touch panel on this screen, you have a virtual paper**, can make notes, and (contrary to exercise books) you can edit, save, share them, manage in long time. This is something I have seen on an HP laptop created in 2002, by the way.

Have you ever seen a schoolbag? **Is there anything in it for 8, 12, ... schoolyears that can't fit into this single plastic box?** Is the screen too small? Why not connect another, A4 sized eInk page to the same box? There is no technical problem with that, we have that display too.

Do you think we are done here? Not at all. This is a programmable device with wireless network connection. **We can have all the card games ever invented on the planet in it**, we can sit around a table holding one of these devices and play any of those games, without needing a bunch of paper cards (of which you lose one and make the whole packet useless).

**You can have your diary on it, you can use it as a communication device, even work on it because it has better parameters than a desktop computer 10 years ago, literally.** OK, you can't play action games and watch movies, but for compensation, it needs no plug but a bit of sunlight.

**This is the present** – if we can forget about our concepts of profit, economy, politics, etc. The question: **does it worth training your mind to see it?**

I repeat: I hope don't accept what I said, but want to argue with me. I hope you see this as a scattered mosaic image and don't believe in the connections that I presented, and you are right: in this short time I could only present a small fragment of the real network. I hope you will listen to this talk again and again, search for weak arguments, check the references, look for background. I hope I gave you enough motivation to start your own trip to the present, away from our global, constant and hopeless nightmare.

**As we all can see today, build huge lamps is not the way to enlighten the world, the stronger lights cast darker shadows. The solution that we really need is a global, organic network of cooperating candles.**



Thank you.