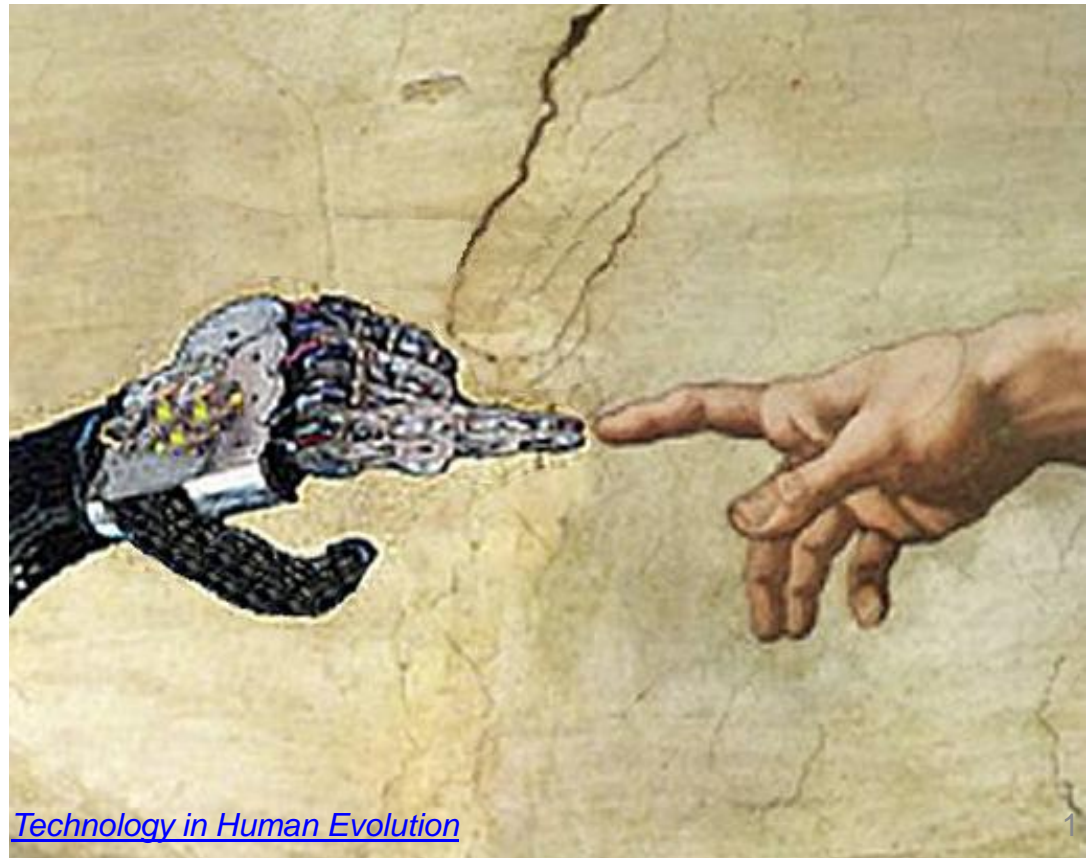




TECHNOLOGY'S EFFECTS UPON MY WILL

Merging Technology with the Human Body



Youth Section Talk

Andrew Linnell

jandrewlinnell@yahoo.com

www.thechristianmysteries.com

12/27/2016

[Technology in Human Evolution](#)

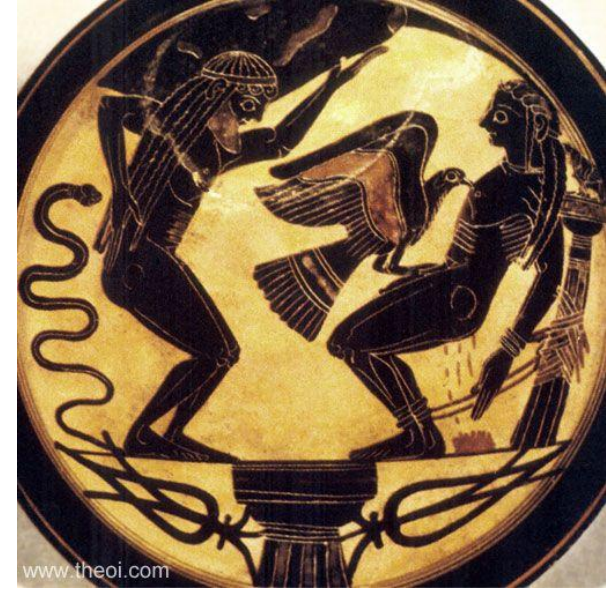


PRELIMINARY COMMENTS

- 2016 Michaelmas World Conference (Dornach)
 - Science section taking up theme of **Challenge of Technology**
- Study Group on Technology via video conferencing
 - 30 minutes weekly plus 30-minute weekly reading assignment
 - Starts early January – send email to join
 - jandrewlinnell@yahoo.com
 - Send home time zone, best days/times and worst days/times
- Terminology: Anthroposophic; Mankind

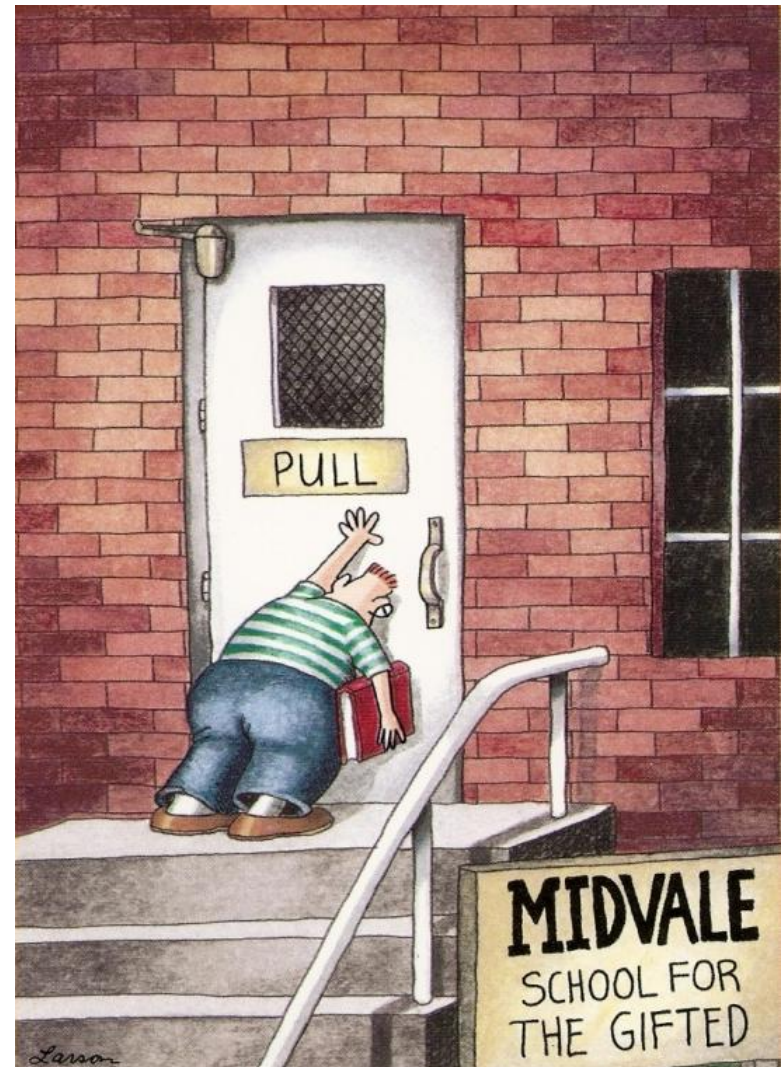
OVERVIEW OF THIS WORK

- Mythology as Preparation for our Times
 - Asexual to sexual, withdrawal of the moon
 - Cain and Abel, separate streams
 - Prometheus and Hephaestus
- Merging Human and Machine
 - What are machines doing to us?
 - Machines with artificial intelligence, artificial soul
- Machines and Evolution
 - Evolution of humanity and the earth
 - Sub-nature, last Letter to Members
 - Co-creation of Jupiter begins now
- Electricity and Evil
 - Moral technology
 - The human double

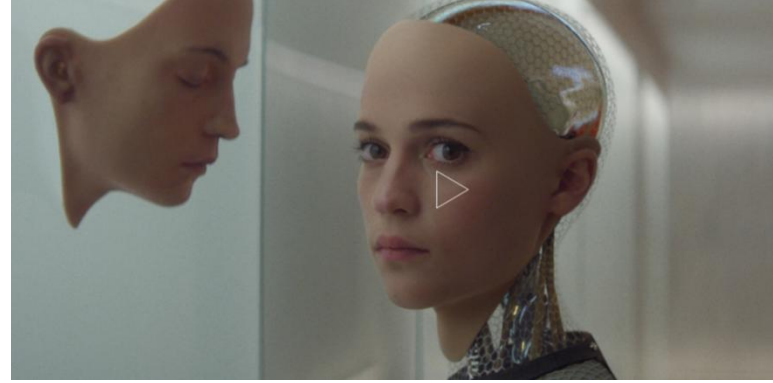


WHAT IS WILL?

- NOT what one wants
- Deliberate action
- Causes movement, change
- Soul activity
 - Thinking, feeling, and **willing**
 - Awake, dreaming, sleeping
 - Willed thinking
- Has to do with the **future**
- Originates with one's "I"
- Need a physical body and the resistance of gravity to become aware of one's action



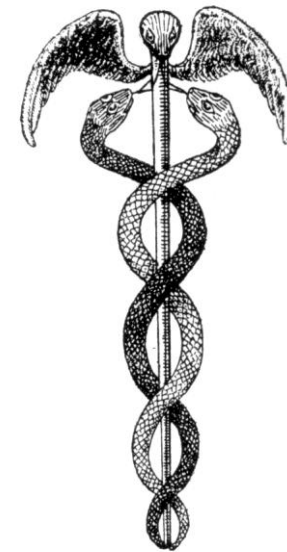
FACING THE FUTURE



- We must **eradicate** from the soul **all fear** and terror of what comes towards Mankind, out of the **future**. We must look forward with absolute **equanimity** to whatever comes, and we must think only that whatever comes **is given us** by a world direction full of **wisdom**.
 - It is part of what we **must learn** during **this age**, namely to act out of pure **trust** in the ever present help of the spiritual world; truly nothing else will do if our courage is not to fail us.
 - Therefore let us **discipline our will**, and let us seek the **awakening** from within ourselves, every morning and every evening.
- Rudolf Steiner (most likely)

LUCIFER AND AHRIMAN

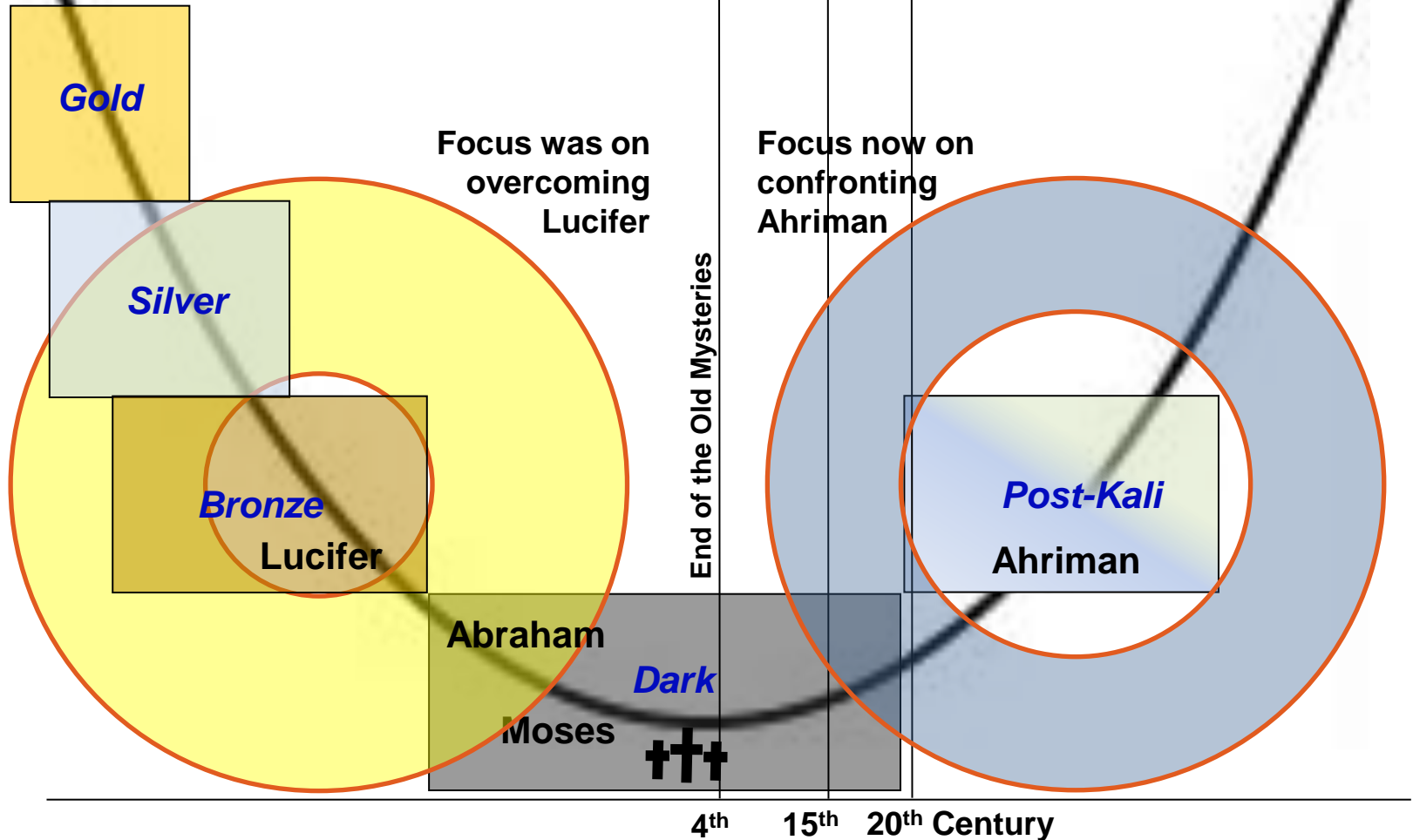
- Drama on Earth's Human Stage:
 - Downfall of Luciferic
 - Rise of Ahrimanic
 - Power of thought
 - Human power of will
- Must recognize arrival of Ahrimanic beings within the evolution of mankind
 - We shall not comprehend the human race without taking these beings into consideration
- R. Steiner, *The Mission of the Archangel Michael, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence*, 29Nov19



Age

POST ATLANTEAN HISTORICAL PICTURE

Not to
scale



ARRIVAL OF AHRIMANIC BEINGS



- Will be on the human stage on Jupiter
- “Pushed from behind, for behind them there stands the Ahrimanic power which endows them **with their strong will power**
 - Pours into them their directive forces
 - Sub-human beings controlled by higher Ahrimanic spirits
 - Thus they contain something which far surpasses their own nature and being
- “They show something in their appearance which, if it takes the human being captive, acts very much more strongly than that which the weak human being can control today
 - Only by spiritual strengthen can we confront this”
- R. Steiner, *The Mission of the Archangel Michael*, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence, 29Nov19

AIM OF THESE AHRIMANIC BEINGS



- What is the aim of this Ahrimanic host?
 - Permeation of **human willing**
 - As the Luciferic hosts, which Michael has pushed down, have aimed at **human illumination**, at permeation with reason
- And what do they want? Explore being human!
 - They burrow, as it were, in the deepest stratum of consciousness in which the human being is still asleep today in his waking state – human will
 - Man does not notice **how** these beings **enter his soul and also his body**
 - Here they suck in everything that has remained Luciferic, that has not become Christ-permeated
 - This they can reach: this they can take possession of
- R. Steiner, *The Mission of the Archangel Michael*, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence, 29Nov19

BETWEEN INTELLECT AND WILL



- Our time raises these problems for us
 - We must no longer pass by these things
 - Such spiritual thoughts are not convenient
 - For it has become convenient for human beings to think differently, that is, **not to think at all about Man**
 - Willed thinking is too hard to do
 - And it is not without danger to speak about these things in complete truth at a time when many people do not at all **love the sense for truth**
 - Quite apart from the fact that **false sentimentality** might find these things a psychic cruelty
- .
- R. Steiner, *The Mission of the Archangel Michael*, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence, 29Nov19

CHRIST BETWEEN INTELLECT AND WILL

- The necessity of the Christ impulse
 - One must recognize **where the Christ impulse is lacking**
- **Christ impulse:**
 - **Middle stratum** of consciousness
- If man really permeates himself with the Christ, then these Ahrimanic powers **cannot penetrate** upward through the middle stratum
 - Then they cannot, with their spiritual forces, pull down the intellectual force
 - **Everything depends on that**
- .
- R. Steiner, *The Mission of the Archangel Michael*, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence, 29Nov19





MODERN TECHNOLOGY & THE ROLE OF EVIL

- In the 5th PACA, **illusion**, Maya itself, will be **seized upon by Evil**; it will all be permeated by cleverness, intelligence (VR)
- It sounds paradoxical when one asserts that it is good for men that they can learn to know all these things
 - But the fact is, the human being can only come to **spiritual freedom** by growing **strong against resistance**
 - Moreover, precisely that which is connected with the number Five is always connected in this way with the unfolding of Evil
- We must not regard Evil from the outset as one would who, in the fullness of his egoism, merely wanted to get away, to flee from it
 - **We must penetrate it with consciousness**; we must really learn to know it
- Above all, in our time already a force is preparing in the realm of human beings — a force which tends to create illusions that are harmful and destructive (again Virtual Reality)
- - R. Steiner, *The Problem of Faust*, lecture 6, 4Nov17



EVOLVING HUMAN CONSCIOUSNESS

- Permanent stamp is made upon the general consciousness
 - Whenever you unite the spirit in you with the mineral world
 - For example, make a machine
 - You even change the atom
- “Everything that is performed **without regard to self**, that is connected with the **interests of another**, helps to intensify and to **strengthen our consciousness for the future struggles for existence**
 - For example, you build a church for others, not for yourself
- “Whatever is achieved in the way of development of consciousness in the world does something to further the evolution of the consciousness of **every single being**, even if such a being has not actually worked at the development of his own consciousness”
 - *The Atom as Coagulated Electricity, GA93*

EVOLUTION OF CONSCIOUS AWARENESS

Not to scale

Spiritual world full of beings

Sentient Soul 3rd M BC

Ancient Mysteries

Intellectual Soul 8th C BC



End of the "Earth" (4th C)

Materialism →

1413 5th PACA

Consciousness Soul
Culmination

Who needs
religion?

End of 20th C

7893 End of 7th PACA

8th M Moon returns

War All v All

American Cultural Age

7th M Women infertile

5733 End of 6th PACA

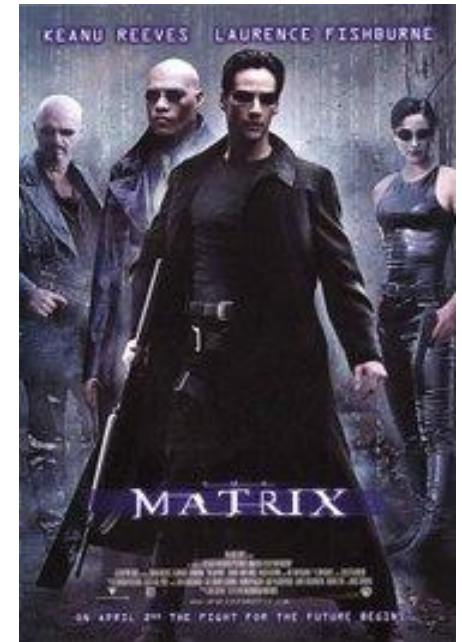
Russian Cultural Age

3573 End of 5th PACA

Meeting with
Sp. Beings

MYTHS AND LITERATURE

- Mary Shelley: *Frankenstein or the Modern Prometheus*
 - 1818, connected Promethean myth to contemporary science
 - Creation of near-human through electricity
 - Bereft of morals
- Promethean stories/movies
 - Chained to a lesser-reality
 - *The Matrix*
- Hephaestean stories/movies
 - Automatons – not real humans
 - *Ex Machina*, *Nexus*



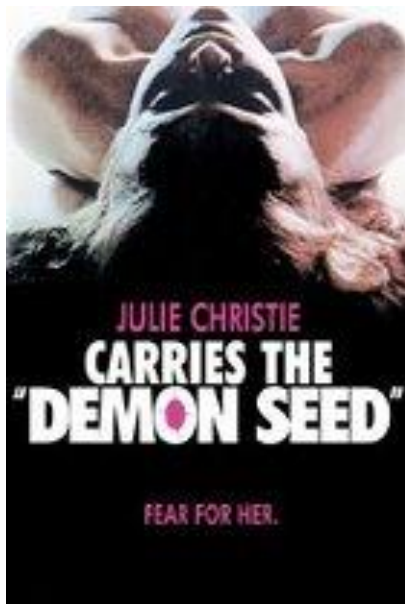
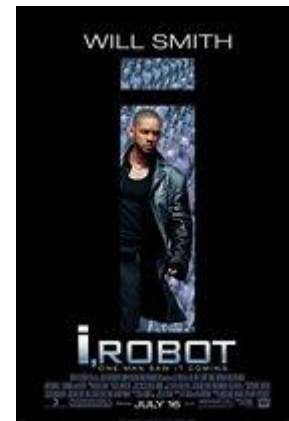
spirit

soul

life



FROM WHERE DO THE PICTURES OF THE FUTURE COME TO HUMANS?





WORK OF ANGELS IN MAN'S ASTRAL BODY

“If men do not allow this to be **achieved in the astral body** while **awake**

- Angels fulfill their aims through sleeping bodies
 - Through the help of the physical and etheric bodies during actual sleep
- seek forces required by means of the etheric and physical bodies
- Here lies the great danger for the age of the Spiritual Soul
 - If, **before beginning the 3rd M**, men were to refuse to turn to the spiritual life
- **Aim of the Angels** in their work would have to be achieved through sleeping bodies
 - Instead of through men wide-awake
- The Angels might still be compelled to withdraw their whole work from the astral body and to submerge it in the etheric body in order to bring it to fulfillment
 - But then, in his real being, man would have no part in it
 - It would have to be performed in the **etheric body** while man himself was not there, just because if he were there in the **waking state**, he would obstruct it”

BIONIC LIMBS

- Three Austrians have replaced injured hands with bionic ones that they can control using nerves and muscles transplanted into their arms from their legs
- Transplant would have meant taking anti-rejection drugs for the rest of their lives
- His son, then 4, said proudly "my father is a robot"
- 98% of amputees report phantom sensations in their amputated limb - [mirror-touch synesthesia](#)



BIONICS BECOMING AFFORDABLE

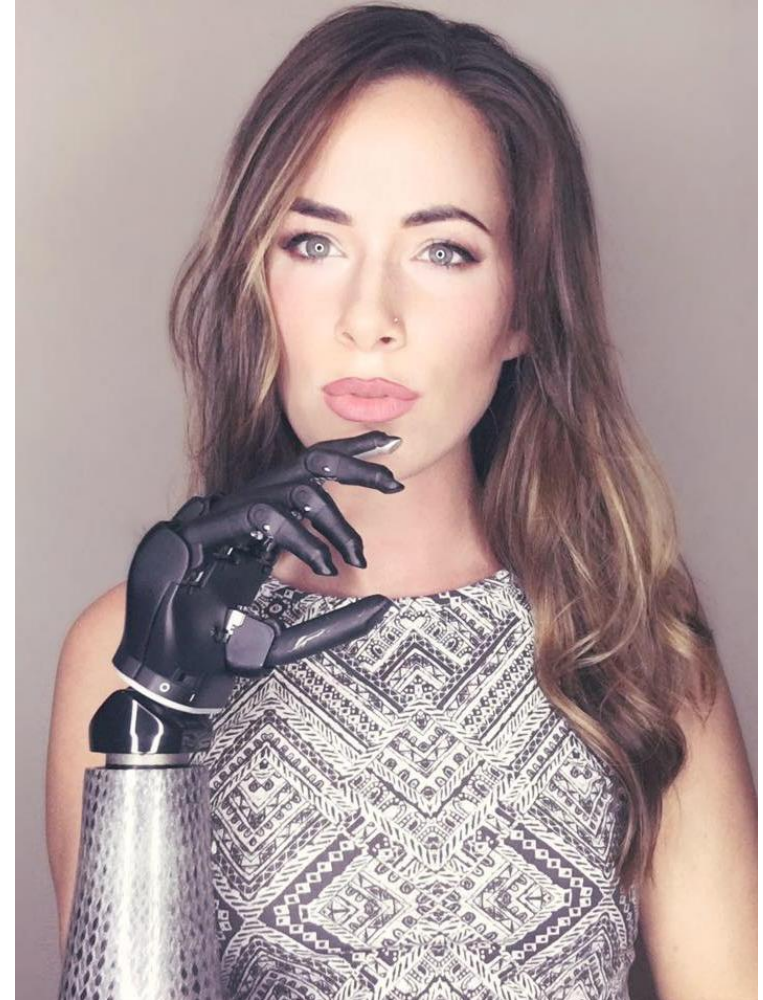
- Made with \$2000 3D Printer and inexpensive materials
- More: <https://www.youtube.com/watch?v=A6isKsPWubA>



WHAT CAN WE FALL IN LOVE WITH?

A person with:

- Bionic finger?
- Bionic arm?
- Bionic arm & a leg?
- Transplanted face ?
- Can we love a person
 - With a pace maker?
 - With bionic eyes?
 - Who we know only through their avatar?



ARTIFICIAL MATES, DOLLS TO SEXBOT (FOR WHEN YOU PREFER TO BE SINGLE)

- <https://www.youtube.com/watch?v=QYLYfLRg5dc>, Doll: \$1500, Sexbot: \$5000
- <http://fusion.net/video/266503/real-future-episode-6-sex-robots/>
- Realistic mouth and genitals – Human enough to satisfy an emotional need?



WILL ROBOTS REPLACE MEN?

- “By 2050 all sex will be with robots”

<http://www.bbncommunity.com/robots-are-being-made-to-replace-men-by-2025/>





WILL WE LIVE THRU AVATARS?

- “In the **present** evolutionary state the human being is organized in such a way that the ego and astral bodies **must** make use of the physical sense organs in order to become aware of the physical world.”
 - What about the next evolutionary state?
- “The human being has sense organs in the astral body which enable perception in the astral world, but these have normally not been developed” – R. Steiner, *Man & Woman in Light of Spiritual Science*, 18Mar08

THE DESIRE TO BE SUPER-HUMAN

Bionic Boot

Posted by Futurism

12,068,613 Views

A person wearing a bionic boot is running on a dirt path. The person is seen from behind, wearing a black sleeveless shirt and black pants. The bionic boot is a prosthetic leg with a red and black design. The background shows a clear blue sky and a distant cityscape.

They work on nearly
any kind of terrain,
from concrete and asphalt
to dirt and sand

WEARABLE ROBOTICS

- “I'm getting quite a few questions lately regarding one of my favorite companies, **Ekso Bionics Holdings Inc.**(OTC:EKSO).
- “As you know, the company is tied into one of the most dynamic Total Wealth Trends of all - and potentially the most profitable, too - **Human Augmentation**. So I thought we'd revisit EKSO and, in the process, update some of the interesting stuff that's going on.”
- www.totalwealthresearch.com
- <http://futurism.com/paralyzed-monkeys-able-to-walk-again-with-brain-implant-human-trials-are-next/>



<http://eksobionics.com/ekso>
<https://www.newscientist.com/article/2112562-first-home-brain-implant-lets-locked-in-woman-communicate/>

HOW IT BEGINS: GIVING PARAPLEGICS A NORMAL LIFE

- EEG skull cap
- Monitors activity
- Signatures = action
- Slippery slope



Source: <https://futurism.com/experimental-brain-implant-lets-a-paralyzed-woman-communicate/>



STEINER ON FACING HUMAN-MECHANICAL

- Fifth post-Atlantean period will have to solve the problem of how human moods, the **motions of human moods**, allow themselves to be translated into **wave motions on machines**, how **man must be brought into connection with what must become mechanical**
- “The will is there **to harness human energy to mechanical energy**
- **These things should not be treated by fighting against them – that is a completely false view**
- These will not fail to appear; they will come
 - What we are concerned with is whether, in the course of world history, **they are entrusted to people who are familiar in a selfless way with the great aims of earthly evolution and who structure these things for the health of human being** or whether they are enacted by groups of human beings who exploit these things in an egotistical or in a group-egotistical sense
- It is not a question of **what**; the what is sure to come; it is a question of the **how**, how one tackles these situations”
 - Rudolf Steiner, *The Reappearance of Christ in the Etheric*, lecture 12

ATTACHMENT OF A SECOND BEING

“During the course of the Fifth Post-Atlantean epoch, so many problems have lost all inner, vital warmth. The countless questions which confront us when we study Spiritual Science with any depth, simply do not exist for the modern man with his materialistic outlook.

“**A different form of experience will come to the man of modern times.** In his own opinion he knows ever so well; he observes the material world, **uses his intellect to establish the interconnections between its phenomena** and believes that all its riddles are solved in this way, never realizing that he is simply groping in a phantasmagoria.

“**But this way of working coarsens and dries up his ether-body,** with the ultimate result that the [Ahrimanic] powers, ***like a second nature, will attach themselves to him.***

The Balance in the World and Man, Lucifer and Ahriman, Rudolf Steiner

Note similarity to Angel as a second being and to the Double

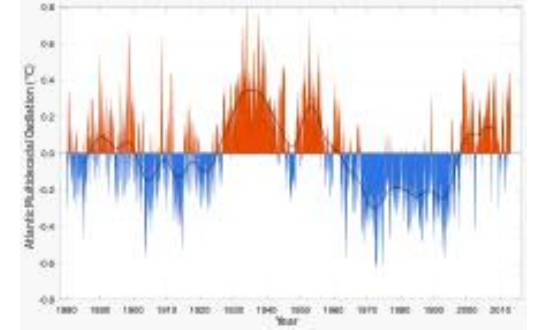


MERGING MAN AND MACHINE



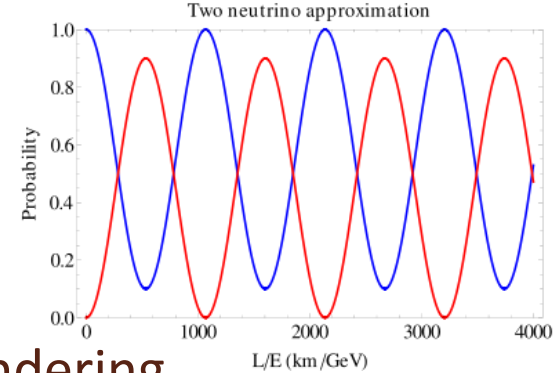
- “The point is **not what** is going to happen, for it certainly will happen, but **how** it happens — how these things are handled.
- **The welding together of human beings with machines will be a great and important problem for the rest of the earth-evolution.**
- I have often pointed out, even in public lectures, that human **consciousness depends on destructive forces**. During public lectures in Basle I twice said that in our **nerve-system we are always in process of dying**. These *forces of death* will become stronger and stronger, and we shall find that they are *related to the forces of electricity* and magnetism, and to those at work in machines.
- **A man will be able in a certain sense to *guide his intentions and his thoughts* into the forces of the machines. Forces in human nature that are still unknown will be discovered — *forces which will act upon external electricity and magnetism*.**
- That is one problem: the bringing together of human beings with machines, and this is something which will exert ever-increasing influence on the future.” -- *The Wrong and Right Use of Esoteric Knowledge*, lecture 3, 25Nov1917, Dornach, GA 178

MATERIAL OCCULTISM

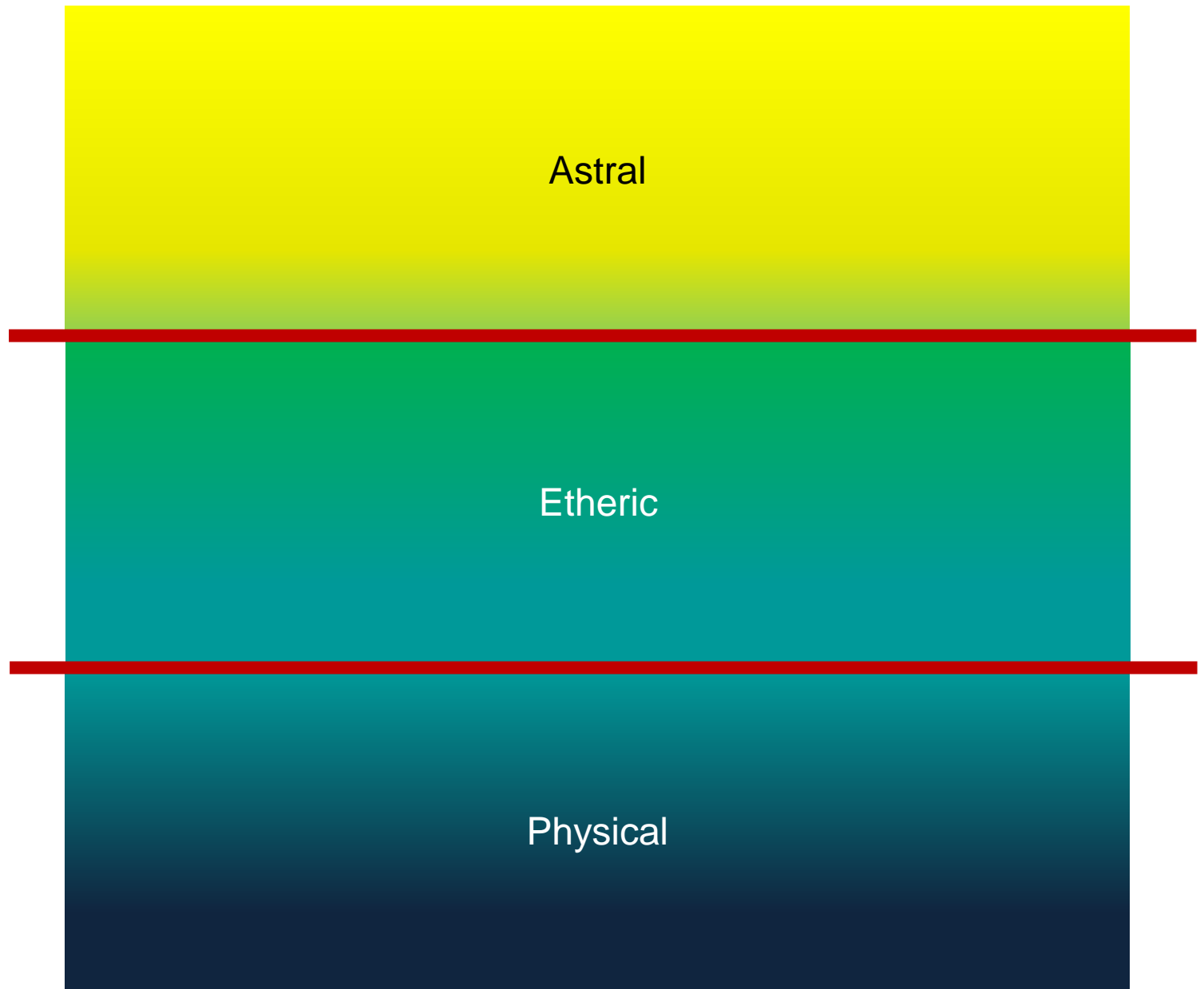


- “First, there are the capacities having to do with so-called **material occultism**. By means of this capacity — and this is precisely the ideal of British secret societies — certain social forms at present basic within the industrial system shall be set up on an entirely different foundation. Every knowing member of these secret circles is aware that, solely by means of certain capacities that are still latent but evolving in man, and with the help of the law of harmonious oscillations, machines and mechanical constructions and other things can be set in motion. A small indication is to be found in what I connected with the person of Strader in my Mystery Dramas.
- These things are at present in process of development. They are guarded as secrets within those secret circles in the field of material occultism.
- **Motors can be set in motion, into activity, by an insignificant human influence through a knowledge of the corresponding curve of oscillation.** By means of this principle it will be possible to substitute merely mechanical forces for human forces **in many things.**”

MECHANICAL OCCULTISM



- “The possibility will thus come about of rendering unnecessary nine-tenths of the work of individuals within the regions of the English-speaking peoples. **Mechanistic occultism will not only render it possible to do without nine-tenths of the labor still performed at present by human hands**, but will give the possibility also of paralyzing every uprising attempted by the then dissatisfied masses of humanity.
- **The capacity to set motors in motion according to the laws of reciprocal oscillations will develop on a great scale among the English-speaking peoples.** This is known in their secret circles, and is counted upon as the means whereby the **mastery over the rest of the population of the earth shall be achieved even in the course of the fifth post-Atlantean epoch.**”





KEELY & RESONANCE

- Mechanical Occultism
 - West
- Frequency & Wavelength
 - As long as we research in mere numbers, we'll not find this resonance
- Keely played music to start his machine





CHANGING THE PHYSICAL BODY

- “Man will bring about the future form of his body
- Inasmuch as the human being becomes softer and softer, inasmuch **as he separates himself from the hard parts, he is approaching his future**
- An age comes when man will **live above his earthly portion** as it were, as in time gone by
- This condition, which is comparable to your present sleep-condition, will then be replaced by another when the human being will be able to **draw his etheric body out of his physical body at will**
- Rudolf Steiner, *Theosophy of the Rosicrucian*, Lecture 13, *The Future of Man*, 5Jun1907, Berlin, GA 99

CHANGING THE PHYSICAL BODY

- “It will be as if the **denser part** of man were here **below on earth** and the human being will **make use of it** from outside **like an instrument**”
- Man will **no longer bear his body about and live within it**, but will float above it, the body will itself have become rarefied and finer”
- Rudolf Steiner, *Theosophy of the Rosicrucians*, 5Jun1907, Berlin, GA 99
- Avatar time?



THE POWER OF THE HUMAN SOUL

- The telephone and the extension of the soul over space
- The automobile and extension of touch sensation
 - This experience will vanish soon – self driving cars
 - What does it mean when one gets a “feel” for their car?
- Can our soul
- What role do
 - [AI detecting](#)
 - [AI detecting](#)




PREPARING FOR MODERN LIFE



REMEDIES

- Generational differences
- EMR-“free” zones in your home
 - Meter
 - Turn off at night
- Where you carry it (mobile phone)
 - High EMR while talking
 - Don't sleep with your phone
- Movement (vs longing for comfort)
 - Mind/Soul – passive vs active
 - Body and posture – wholeness in movement, standing desks
 - Senses – move your focus, variation (temperature, distance, ...)
- Lifestyle (longing to be entertained vs to do)
 - Fasting, friends, food, nature, ...





RESEARCH: MOVEMENT AND MORAL TECHNOLOGY

- Fundamental in Steiner's First Science lecture cycles
 - Mechanics: Forces in space and time, ignores peripheral
 - Projective Geometry
- Dewey Larson's Reciprocity System Theory
 - Reality (sub-atomic) is movement, not things
 - Cosmic and Physical (Earthly) movements
 - 3 'dimensions' of movement, with combinations
 1. Straight line
 2. Circular
 3. Vibratory
- Light? (an ether)
- Electricity? (also an ether) – *carrier* of evil
- Initial moral tech: an interface to a machine (electric)



DO I HAVE TO DO THIS? CAN'T SOMEONE ELSE? FINDING ONE'S WILL

“Out of desperate circumstances, the new Christ experience will evolve.

Trying outer circumstances will become inner soul trials.
Out of these soul trials, vision will be born.”

-- R. Steiner, *For the Michael Age*



RECAP FROM TONIGHT'S LECTURE

- Fear Not the Future
- Not the What but the How
 - Merging Human and Machine will happen – slippery slope
 - Who will be doing this? Get involved.
- Vibrations and Moral Technology – research



Q&A