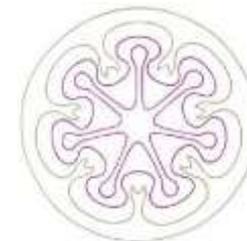




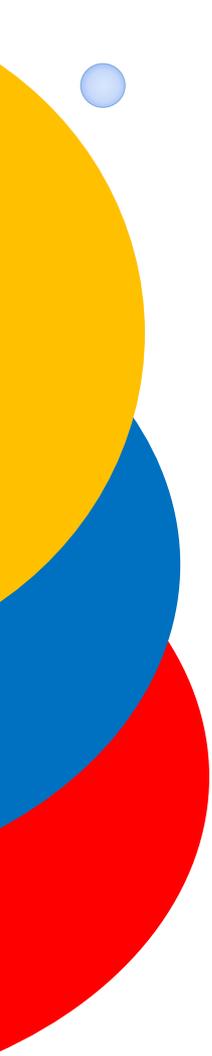
# *The Human Double and Its Future*



*With Andrew Linnell*



Center for  
Anthroposophical  
Endeavors



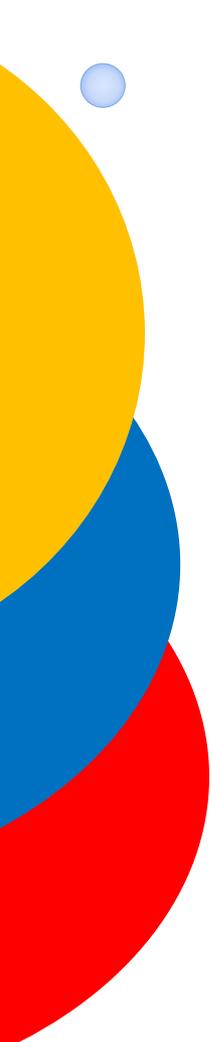
# Schedule (times are CDT)

## Friday, March 20

- 7:30—9:30 pm: *The Iron Necessity of Our Technological Age*

## Saturday, March 21

- 9:00 - 9:30 Coffee, tea, and social time (*at home*)
- **9:30 - 10:30 Lecture: The Human Double and Its Future**
- 10:30 - 11 Break
- **11 - 12 Discussion: Counter-balances, Children & Tech**
- 12 - 1 Lunch (BYO)
- **1 – 2 pm Lecture: The Three Occultisms, About MysTech**



# Oh Man, Know Thou Thyself

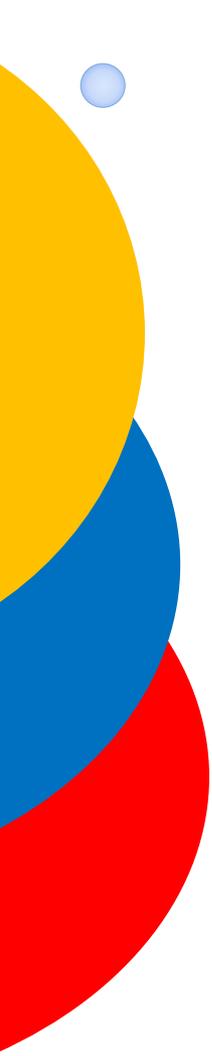
- We hear this cosmic word from all elements of Nature
- What are we humans?
- From stars and planets, from trees and animals, from winds and mountains
- Does it ring out across time? From Evolution?
- Do we hear it from Technology? Why or why not?
- Does it still ring?



# What is our Ahrimanic Double?

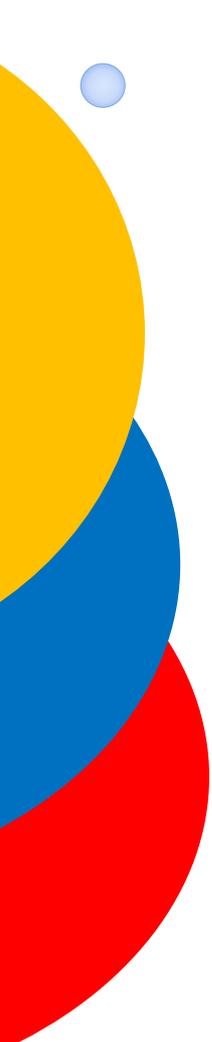
- When?
- Why?
- How?





# EVOLUTION'S PATH

- Experience the change from being fully guided to becoming creative beings
- What was or is needed?
- Are we but babes becoming creators?
- Did war have a purpose?
  - Bhagava Gita: Aruna and Krishna Conversation
  - Did suffering? Karma?
  - Should we avoid healing another?
- Do we leave evolution to the gods?



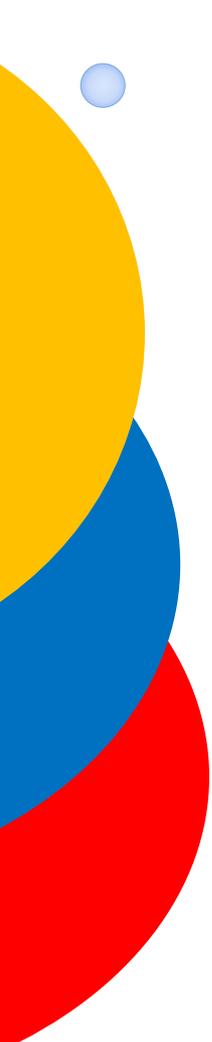
# Godism

Leave everything to God – Fatalism, Pre-determined destiny

Question:

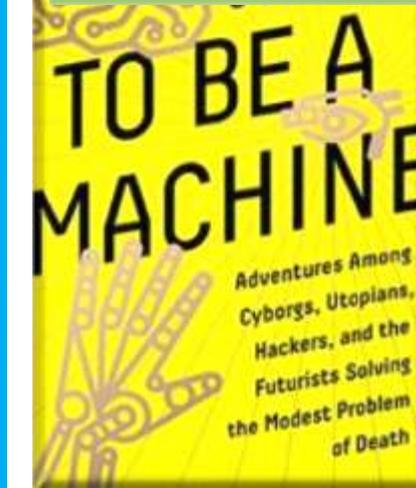
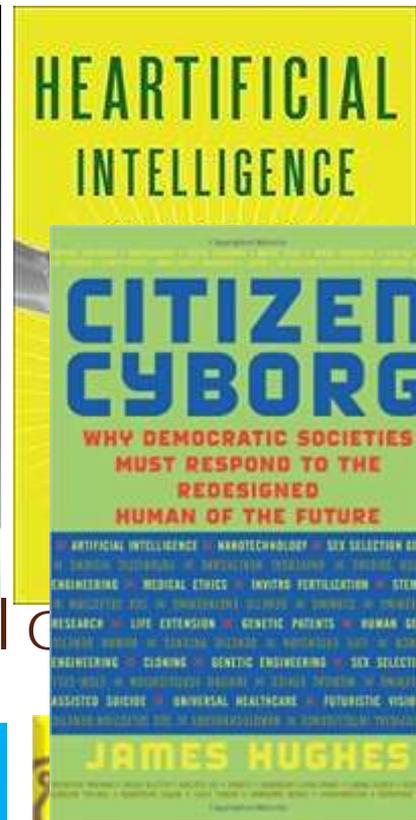
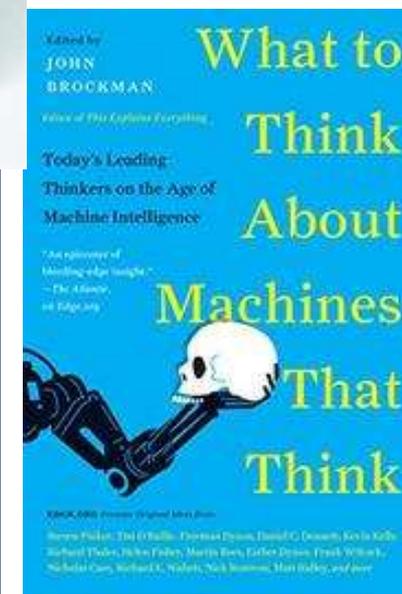
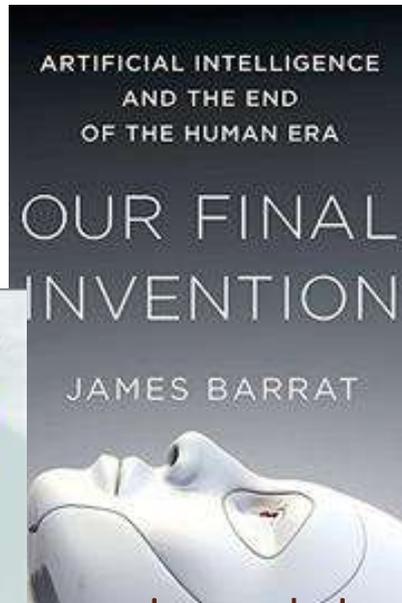
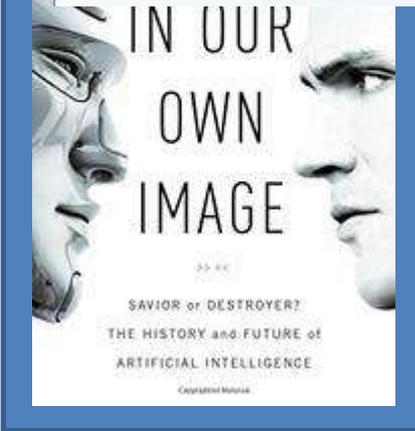
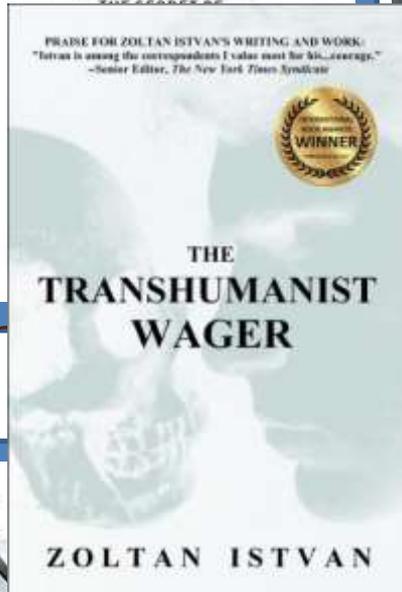
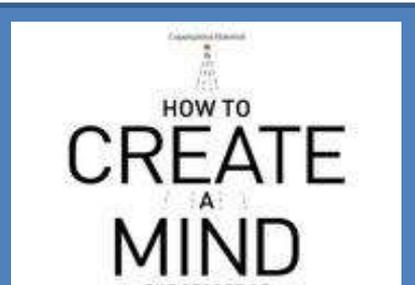
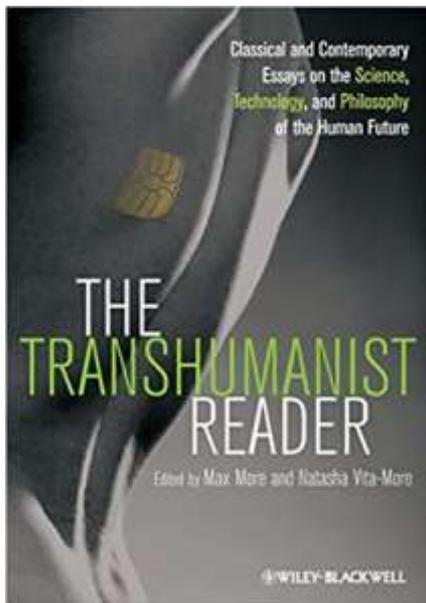
Is God limited in some way?

- How could there be evil?
- Biological fragility, defects
- We (i.e. us humans) can do better

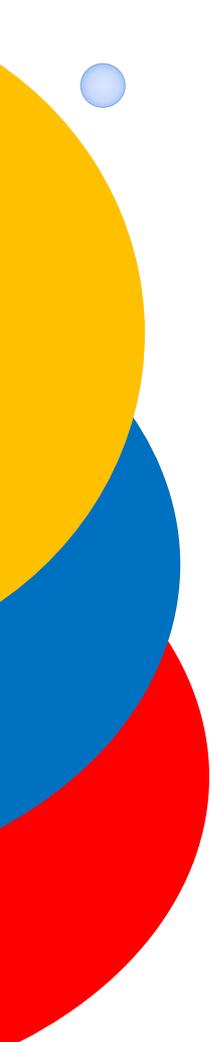


# Transhumanism

- A transhumanist expects technology to at first augment our senses and other capabilities.
- But in some 30 to 50 years from now, they expect the growth of AI and robotics plus nanotechnology and successful “reverse engineering” of the brain will make it possible for one to merge with such machines, by uploading what you are into such future machines.
- See the current human as biologically unsustainable when compared to what we will be able to build.



Transhumanism  
limitations  
coming biotech



# Comparing Visions of the Future

## Ray Kurzweil

- Transcend biology by merging with non-biological systems
- Merger of our biological thinking and existence with our technology
- By 2030 man will be less human and more machine, with bodies filled with nano-robots and artificially enhanced to be much stronger and billions of times more intelligent
- "[2045: The Year Man Becomes Immortal](#)" *Time*, Feb. 2011
- Our bodies, minds, and civilization must merge
- Human = bio-machine

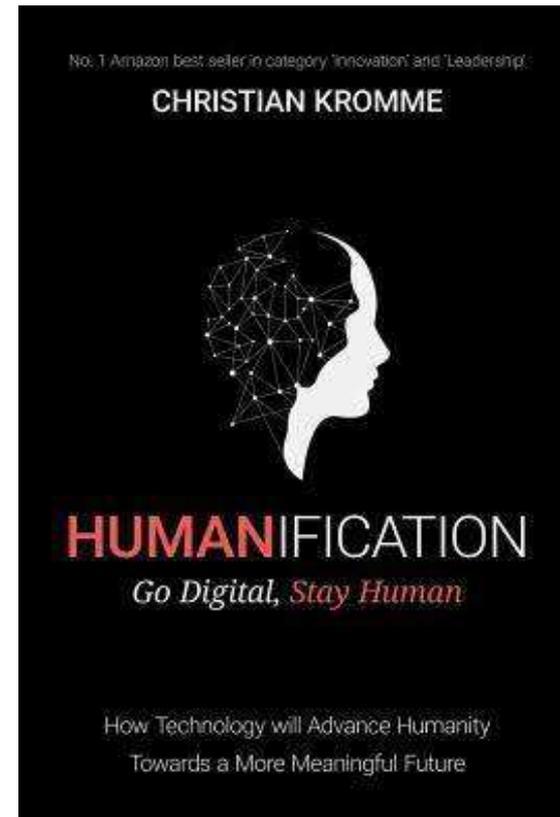
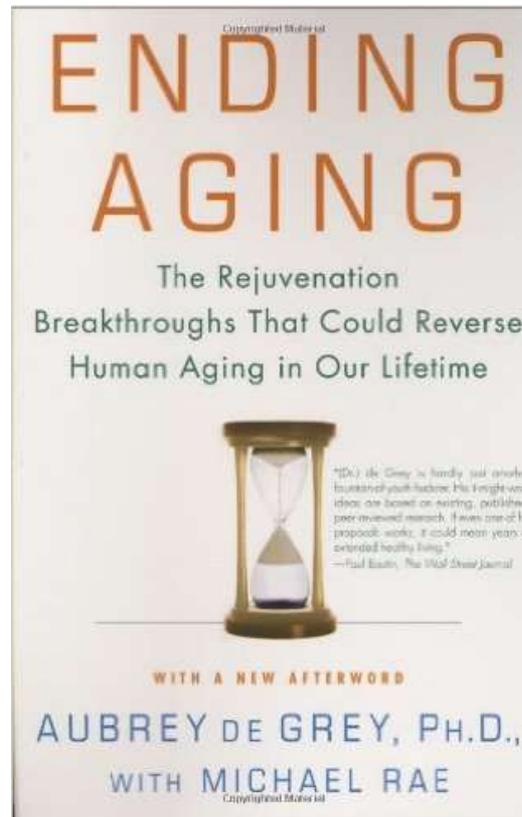
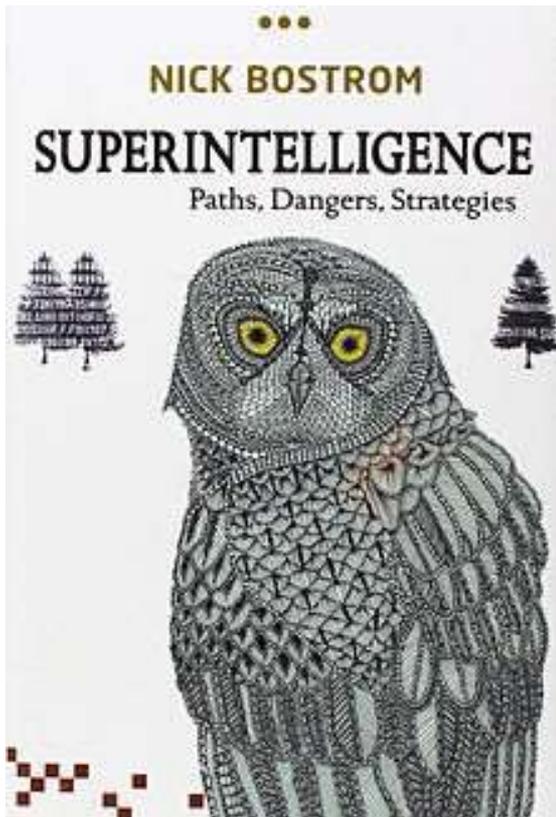
## Rudolf Steiner

- “The **welding** together of human beings with machines will be a great and important problem for the rest of the earth-evolution.”
- “Man will chain a **second being** to him ... feel the urge to think materialistic thoughts, to think, not through his own being, but through the second being who is his companion”
- “Our **science** must lead the way, must prepare for what has to happen with the bodily essence in the future.”
- “What you think today, that you will be tomorrow

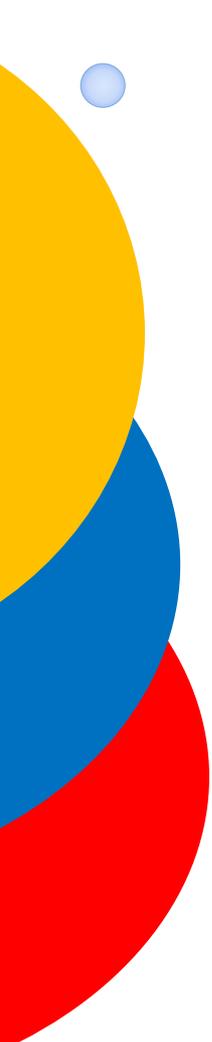
spirit

soul

life



OK – 4,000 YEARS FROM NOW,  
WHAT ABOUT THE PRESENT?



# TRANSHUMANIST'S CONUNDRUM: LOVE

- As technology philosophers have been pointing out for years, now, the transhumanist vision too easily reduces all of reality to data, concluding that “[humans are nothing but information-processing objects.](#)”
- The reduction of human evolution to a video game that someone wins by finding the escape hatch and then letting a few of his BFFs come along for the ride.
- Will it be Musk, Bezos, Thiel...Zuckerberg? These billionaires are the presumptive winners of the digital economy — the same survival-of-the-fittest business landscape that's fueling most of this speculation to begin with.
- Technology development became less a story of collective flourishing than personal survival. --  
<https://onezero.medium.com/survival-of-the-richest-9ef6cddd0cc1>

spirit

soul

life

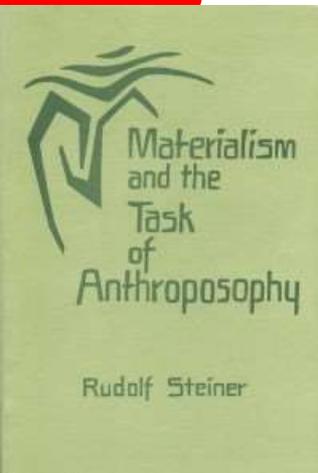


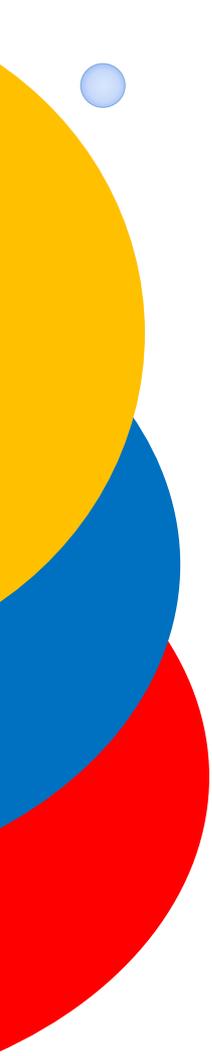
**“I GO TO PREPARE A PLACE”**

**JOHN 14:2 1000S OF YEARS FOR COSMIC EVENTS  
PREPARE ETHERIC AS LOWEST MEMBER  
NOW – CHRIST IN THE ETHERIC!**

# Relationship to the Body?

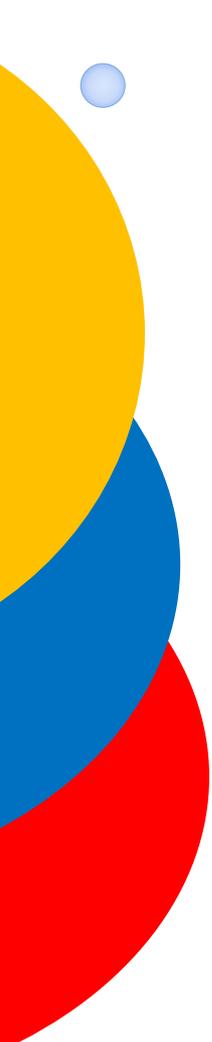
- “We come across the strange phenomenon that in ancient times the human being was ***bound more to his body than he is today***, but that he experienced in this body the spiritual aspect of the cosmos. Modern man has lost this experience in the body. ***The human being today is more spiritual*** but he has the most rarefied spirit; he lives in the intellect and can dwell in the spirit only from the time he awakens until he falls asleep. When he enters the spiritual world with his completely rarefied intellectual spirit, his consciousness is dimmed. [In his body, he is isolated from the world].
- *Why have we developed materialism? And why did ancient humanity not have materialism? The ancients did not have it because they dwelled within the matter of the body; modern men have materialism because they dwell only in the spirit, because they are completely free of a cosmic connection to their body. Materialism actually comes about because the human being became spiritual, but spiritual in a rarefied manner. ... People now have to work their way anew into the spiritual world.”*
  - Materialism and the Task of Anthroposophy, Lecture 9, 24 April 1921





# Origins of our Being

- “If we wished to draw a picture of what it was like at that time we should have to say: there arose within the earth — **not perceptible** to physical eyes, but to spiritual vision — a part which was raised and could be distinguished from the rest of the environment; but the forces in it were connected by innumerable threads with the rest of the whole earth. That was the **beginning of a physical human being**. There was a time when the human beings were connected in this way by threads with the rest of the earth.



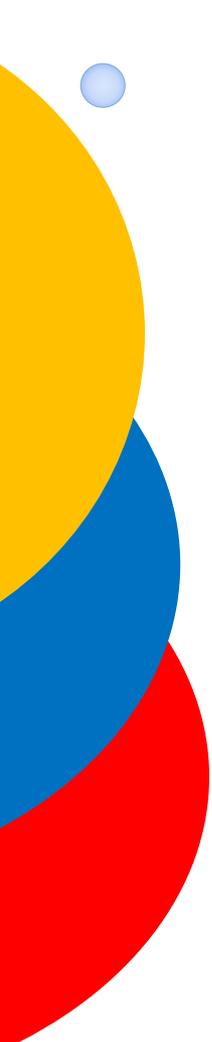
# Origins of our Being

- “As we have said, we are now touching upon an important and deep mystery, the last traces of which may be seen in the fact that when man is born at the present time, the connection with the maternal organism made by the **umbilical cord** is severed. This connection with the organism of the mother is the last remains of the connection man had with mother earth. And just as to-day man is a son of man, born from man, he was once a son of earth, born from the earth, when the earth was still a **living being**. He **became independent** through the umbilical cord — by which he was connected with the whole earth — being severed, so to speak; he thereby became a being born from his like.

# Mother Earth

- We must clearly understand that the paths of the blood now existing in man are nothing more than continuations of currents which in the ancient condition of the earth permeated the whole earth, it is the same with the nerves.
- All the nerves extended into mother earth. These are now sundered, as it were, from that which streamed through the whole earth as nerves. And the other parts of the human being in the same way. **Man is born out of mother earth.**





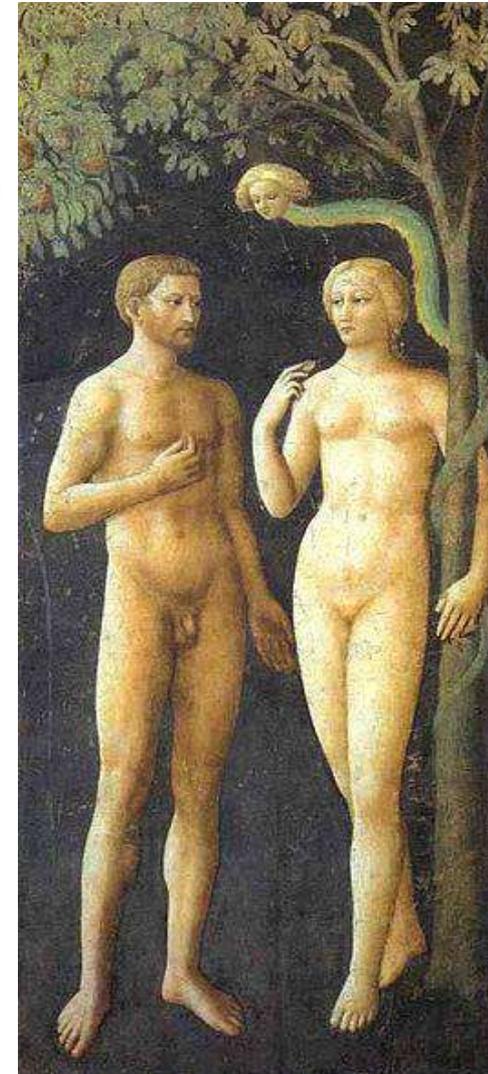
# Mother Earth

- That which is now enclosed within the skin has been drawn into him from the whole earth. The being of man is taken from the earth, the forces of the whole earth are in him. Before he became a son of man, he was a son of earth. The name **Adam** really means **son of earth**. All these ancient names point to important secrets.
- But when we are aware of this we shall understand that before the visible man appeared on the earth, the latter **already contained** within it all the forces of this visible man. Before man became a human being, the earth was the bearer of all the human forces.
- Thus the **earth is the mother** of the human race. Just as little as you can imagine that man could ever grow out of the present stony earth, just as little could he spring forth from the earth, unless it were a living being. What we have just briefly indicated took place in **the Lemurian epoch**.

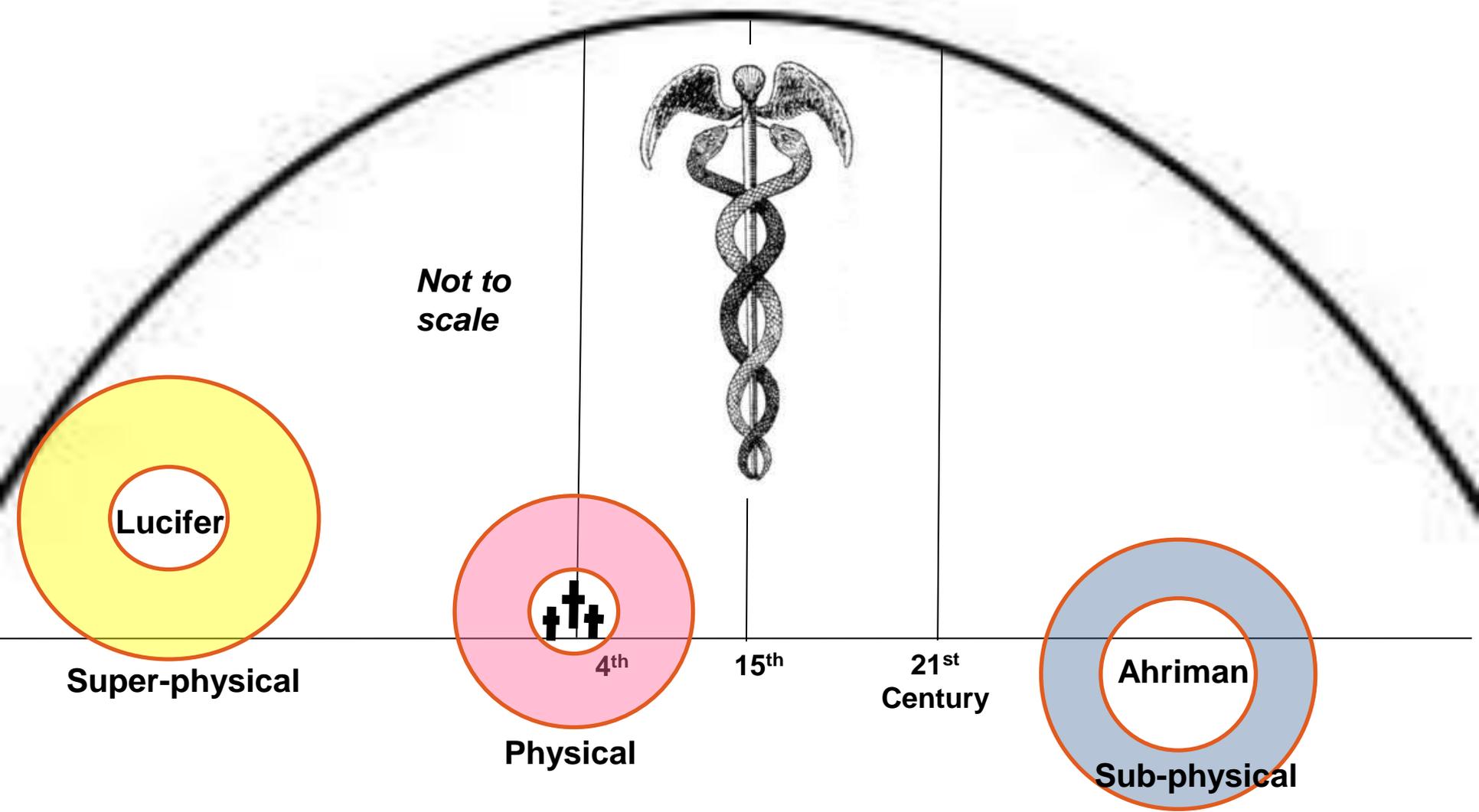
# The Transition from Eden to Earth

## We must "complete" what came earlier.

- Sexual procreation will end by about 5700 AD
  - Difficult to reach puberty
  - Already preparations are underway for this
- From 5000 AD to 8000 AD we will need to
  - Rely on the laggard angels
- Using the gifts from Ahriman's incarnation
  - But these gifts will lead to destruction
- War of All Against All & Return of the Moon
- Humanity need to develop the etheric body
  - Christ in the Etheric as leader for humanity
  - Christ-in-the-Etheric event a Cosmic Event



# Ahriman Must Have His Incarnation for Cosmic Balance



# Cosmic Necessity

## (1) Ahríman's Incarnation

### (2) Withering of Body

- Replacing body parts with mechanical (willing)
- Replace or augment brain with AI (thinking)

### (3) Return of the Moon

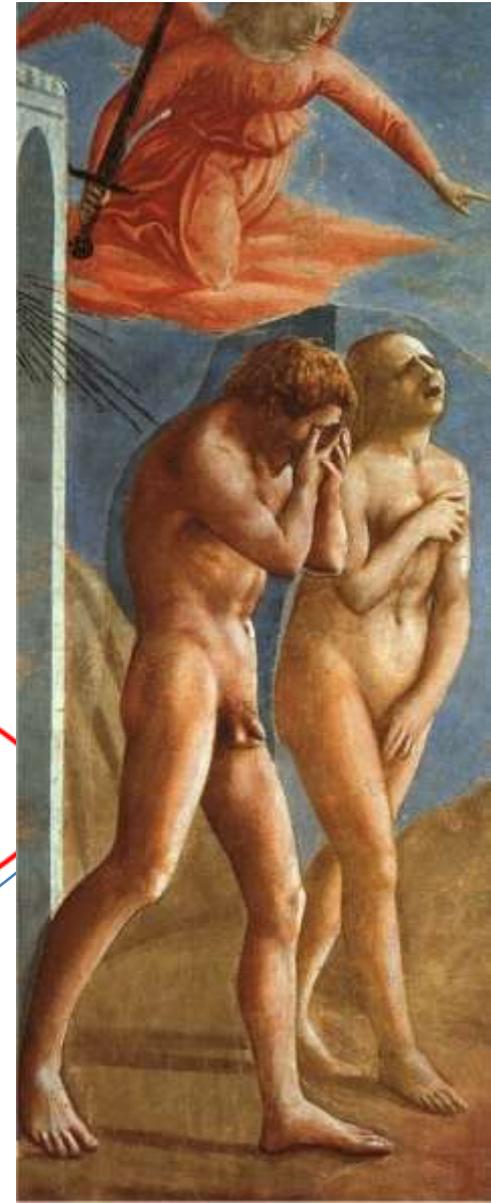
- End of sexual procreation
- Return to androgyny
- Return of hardening, condensing forces

**How did Steiner know this? Janus**

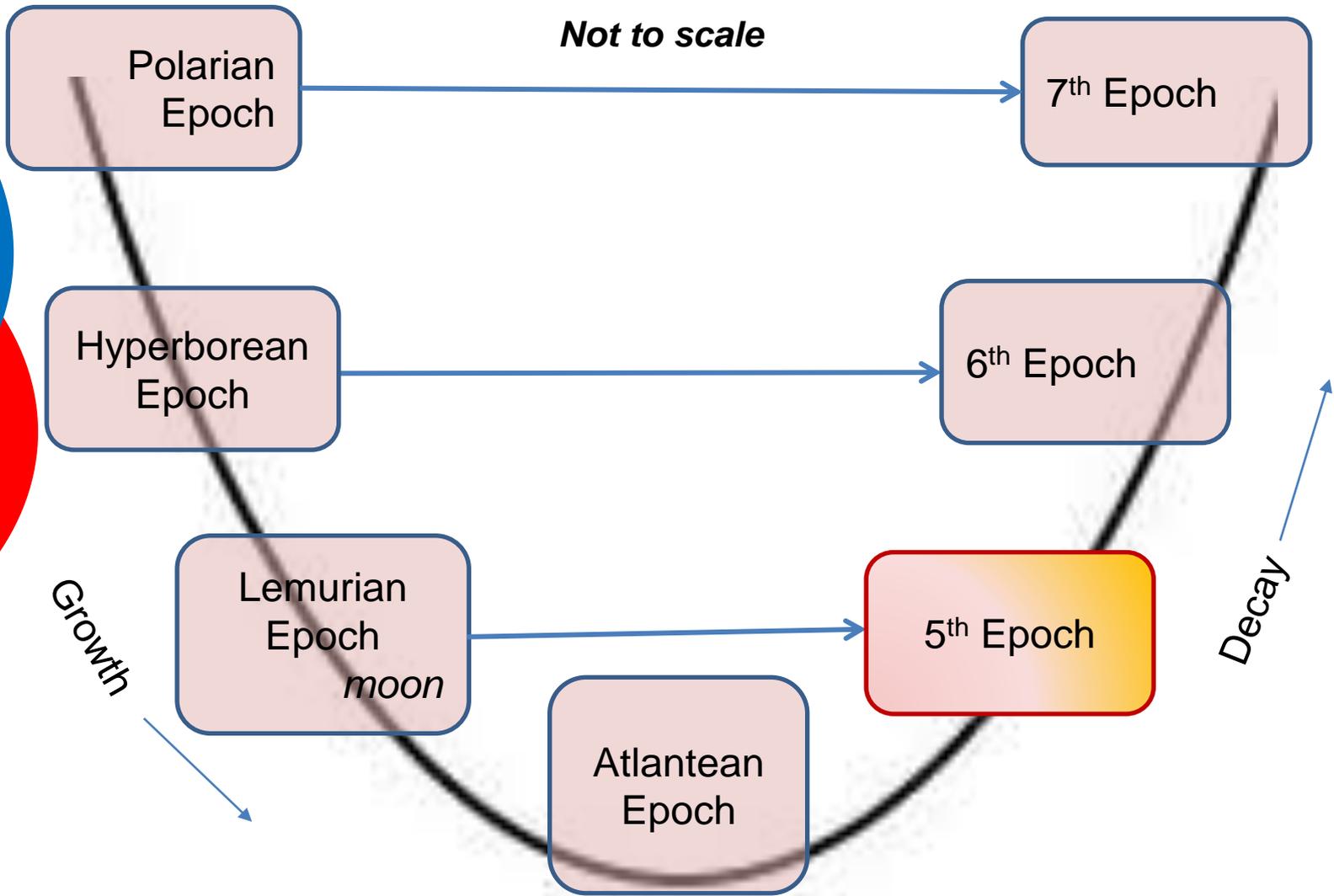


# More on Our Ahrimanic Double

- The Temptation and the Fall to Matter
  - Death added to help humanity
- Legend of Light and Dark
- Lemuria and the start of Incarnation
- Preparation for a modified (physical) body
- Coupling with a double : birth to death
- Electricity without moves within
- Moon withdrawal
- Separation of the sexes
- Virus and bacteria illnesses

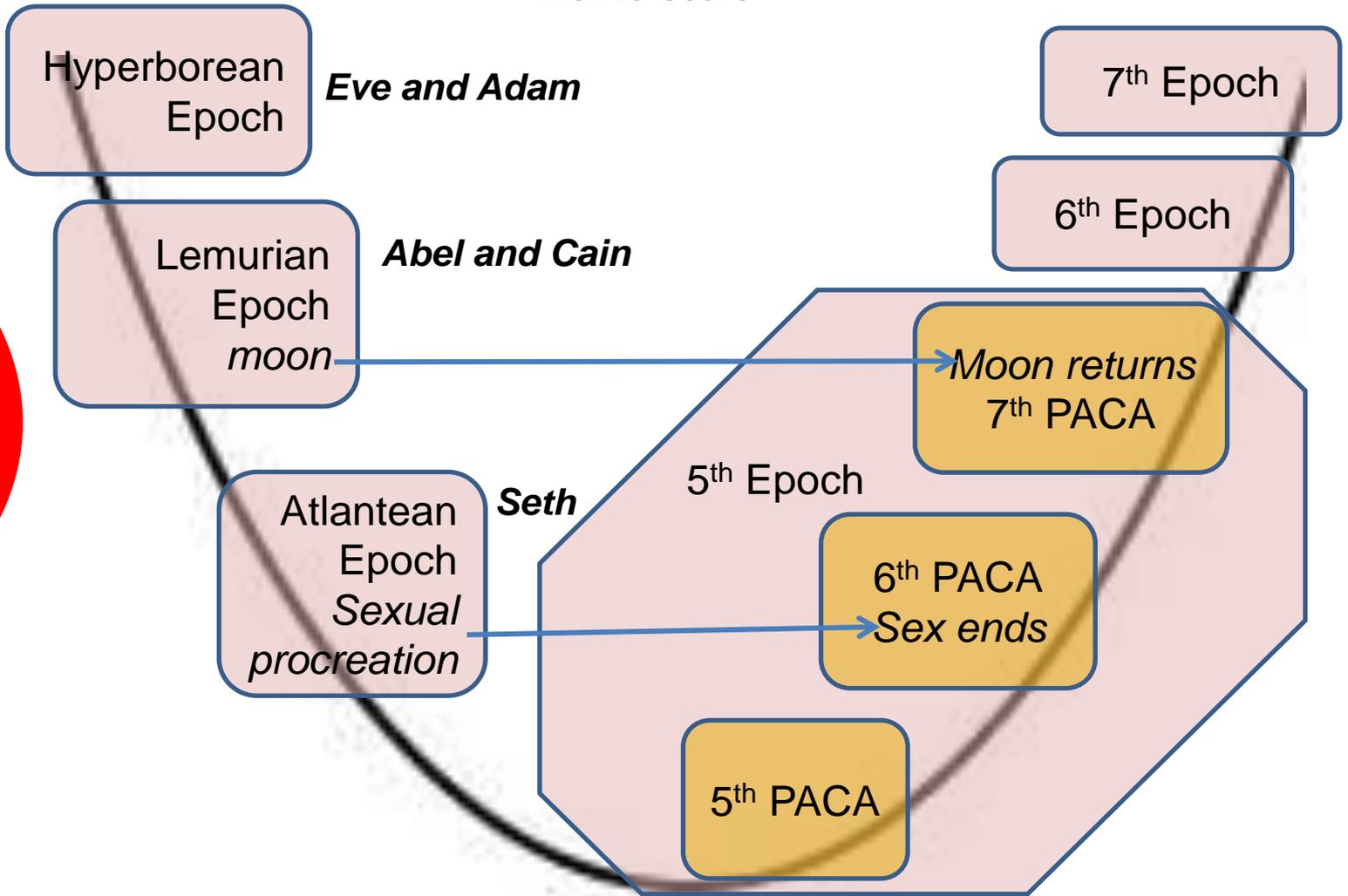


# Epochs of Evolution for Earth

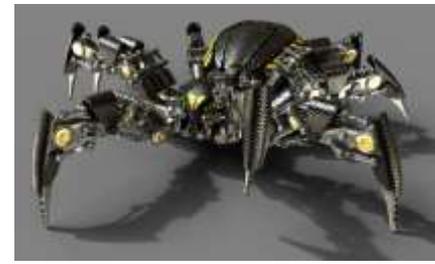


# Cycle of Evolution for the Earth

*Not to scale*



# Spidery Beings of the future



- “these thoughts of human beings that have no reality all of a sudden will become realities when the moon and the earth will unite again. From the earth, there will spring forth a horrible brood of beings. In character they will be in between the mineral and plant kingdoms. They will be beings resembling automatons, with an over-abundant intellect of great intensity. Along with this development, which will **spread over the earth**, the latter will be covered as if by a network or **web of ghastly spiders** possessing tremendous wisdom. Yet their organization will not even reach up to the level of the plants. They will be **horrible spiders** who will be entangled with one another. In their outward movements they will **imitate everything human beings have thought up with their shadowy intellect**, which did not allow itself to be stimulated by what is to come through new Imagination and through spiritual science in general.
- All these unreal thoughts people are thinking **will be endowed with being**. As it is covered with layers of air today, or occasionally with swarms of locusts, the earth will be covered with hideous **mineral-plant-like spiders** that intertwine with one another most cleverly but in a **frighteningly evil manner**. To the extent that **human beings have not enlivened their shadowy, intellectual concepts**, they **will have to unite their being**, not with the entities who are seeking to descend since the last third of the nineteenth century, but instead **with these ghastly mineral-plant-like spidery creatures**. They will have to dwell together with these spiders; they will have to seek their further progress in cosmic evolution in the evolutionary stream that this spider brood will then assume.”
  - *Materialism and the Task of Anthroposophy*, [lecture 14](#), Dornach, 13May1921, GA 204

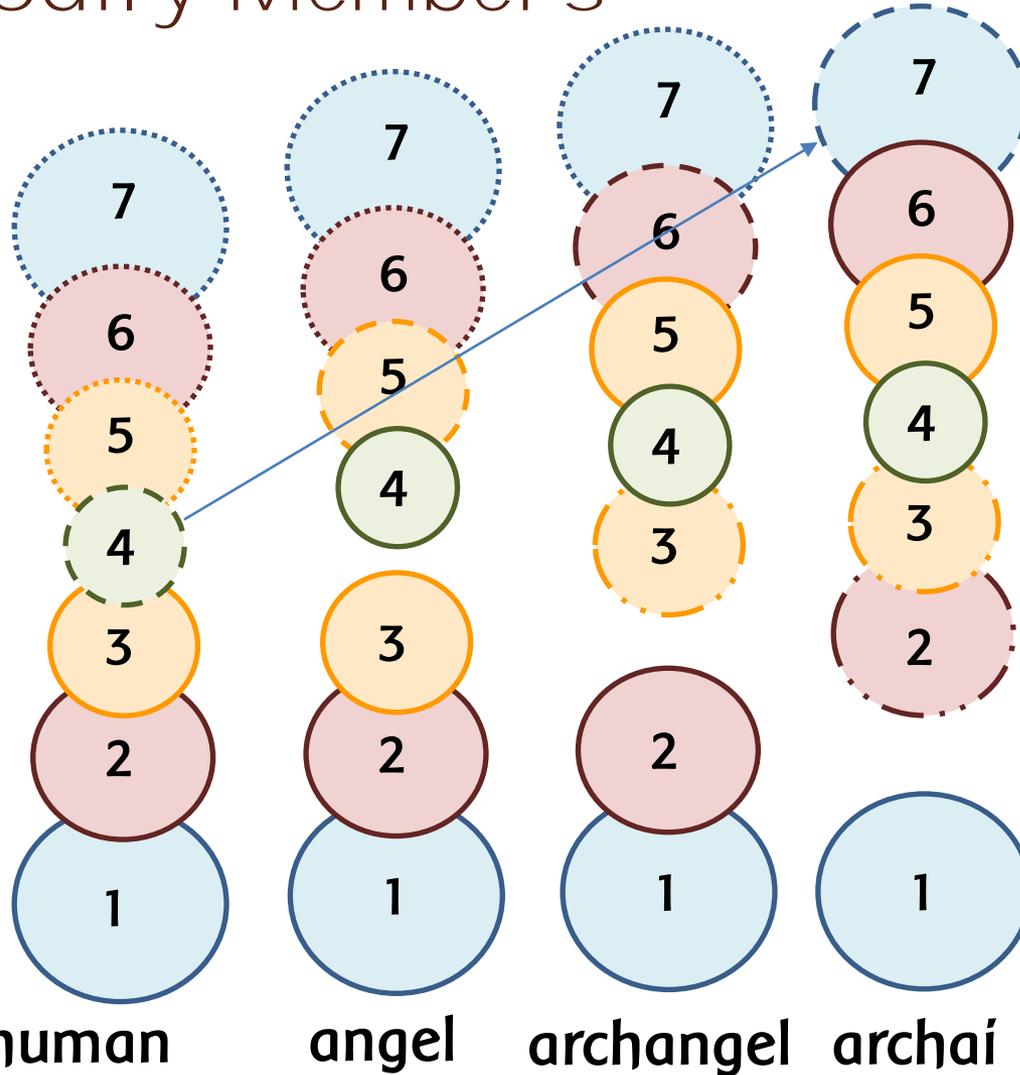


# Luciferic and Ahrimanic Phantoms

- We never have our real being before us
- The physical-corporeal Ahrimanic
- The soul-spiritual Luciferic phantom
  - 2 phantoms, 2 delusive images of ourselves
- Between that, imperceptible to us, lives the real human
  - That being to which we must refer when we say “man”
  - This is the true man, progressing from life to life
- *A Sound Outlook*, [lecture 5](#), 23Aug1918, GA 181



# Bodily Members



○ seed  
○ developing

7: Spírít Man

6: Life Spírít

5: Spírít Self

4: Ego

3: Astral

2: Etheric

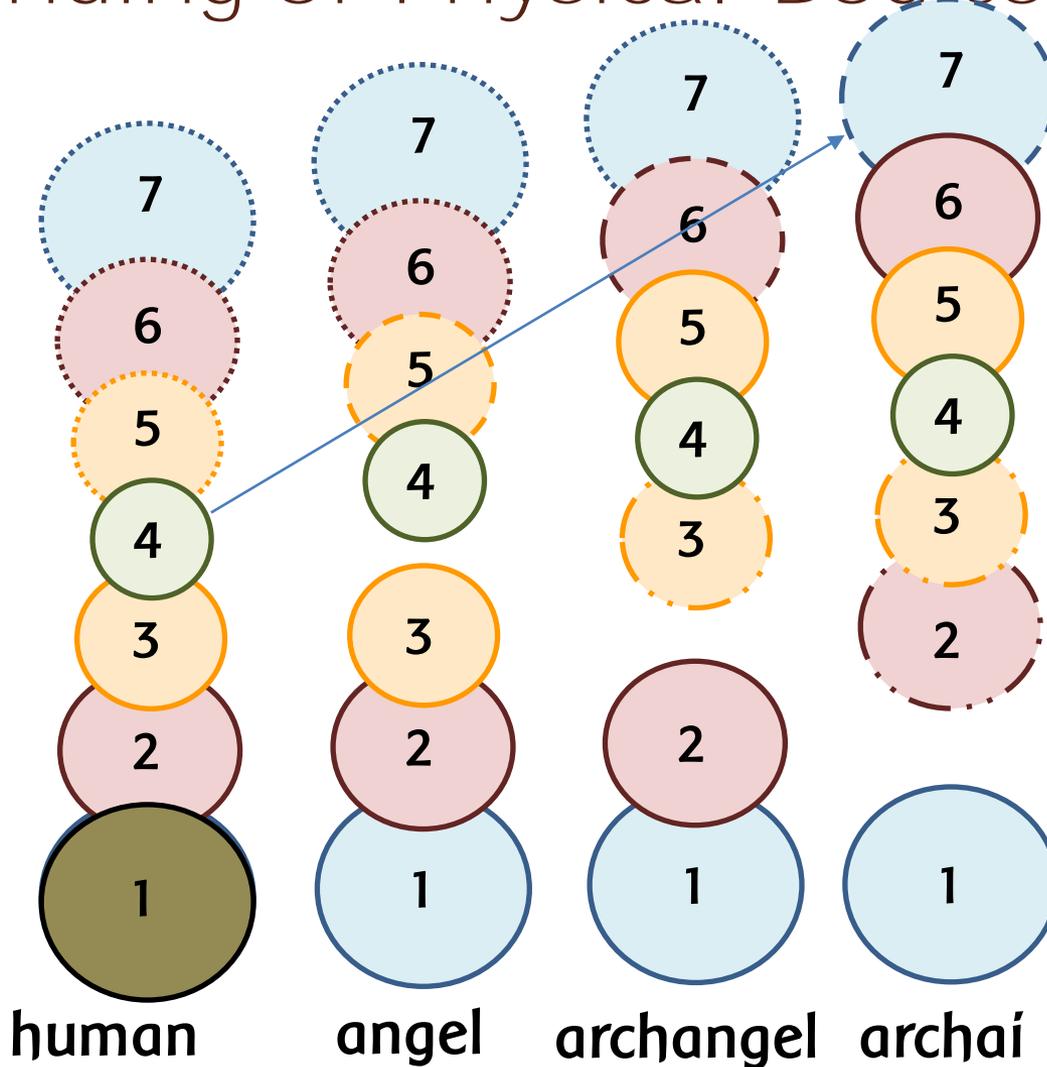
1: Physical

R. Steiner, *Fall of the Spirits of Darkness*, lecture 5, 7Oct1917, GA 177

# Ending of Physical Bodies



double



7: Spírít Man

6: Life Spírít

5: Spírít Self

4: Ego

3: Astral

2: Etheric

1: Physical

R. Steiner, *Fall of the Spirits of Darkness*, lecture 5, 7Oct1917, GA 177

# Departure of our Double



- Year 5700:
  - No longer need to incarnate
  - Shared physical body with double for 13,000 years
  - humanity will need to offer to our doubles a “replacement”
- Mark chapter 5 – “translocation”
  - There a scene takes place where a man, possessed of evil spirits, is healed by an exorcism. The spirits possessing the man needed a new host. They negotiated with Christ-Jesus and were granted a flock of pigs nearby.
- Becoming free of our Ahrimanic double.
  - We'll bequeath to our double our future mechanized physical body
  - Our lowest bodily member will, henceforth, be our etheric body
- Our double will continue its evolution upon the corpse of the earth – some humans will go with them – will you? *8<sup>th</sup> sphere*

# Giving our Double a Suitable Body

- Lemurian
  - Moon
  - Must end
- Electrical
- Mechanical
- Image of HB

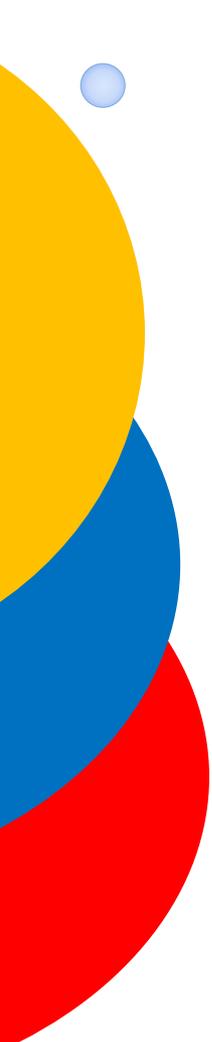


# The Second Fall



- "Ahrimanic powers will intervene more and more and Ahrimanic spirits will also use human bodies for other things.
- A time will come when Christians will have to ask themselves seriously when they meet this or that human being: **Is that really a human being** or is it a very loose mantle for Ahrimanic spirits?
- In the future one will have to make this **distinction** in addition to the other ones one has to make today.
- This will be the **second fall**, and the **beast** and his herald will **take possession of human bodies**.
- Thereby **these demons will have fallen**.
- So first we have the **Fall** of corrupt human beings and then the **Fall** of certain corrupt spirits, who are close to men. These spirits take a tumble in the **second fall**."

– Apocalypse, lecture 11, September 15, 1924, GA 346  
<https://wn.rsarchive.org/Lectures/GA346/English/UNK1995/19240915v02.html>



# Onward to Jupiter

# 24

- Such a man will survive and implant in the next embodiment of our earth the forces he has thus developed. **Jupiter** will have an appearance such as men are able to bring about by constructing it **out of their own bodies**. This Jupiter will, to begin with, receive its form from that which man has made for himself. Imagine that **all the bodies** you have fashioned are **united** in a single **cosmic globe**; that will be **Jupiter**. In your soul you have the germs of the future form of Jupiter, and of the forces it will contain. And **out of Jupiter will be born the Jupiter beings**. Thus man is now preparing for the birth of the Jupiter bodies.” -- *Apocalypse of John*, [Lecture 9](#), 26Jun1908, GA 104

# Creating Jupiter



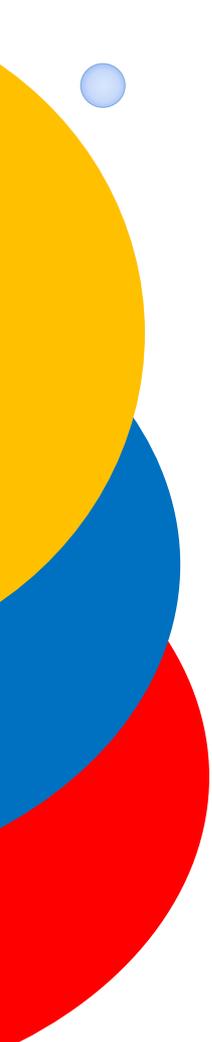
- **Deeds** which arise out of **love** show something quite different from deeds which are done out of enthusiasm, a creative urge or the urge for perfection, for instance. But in every case the **form in the breath** reminds one of **beings that do not exist** [physically] on earth at all as yet
- These beings are a **preparation** for the ones that will reach their **human stage on Jupiter**. Their forms are very changeable and will pass through **further changes in the future**, for these beings are the **first advance shadow images** of the beings who will reach the **human level on Jupiter**.

# Creating Jupiter



- In a certain way we also **owe our existence** to the **exhalation** of the **Angeloï on the Moon**, and it is one of the moving experiences of spiritual life to know that **Jupiter human beings of the future** will evolve out of **what we breathe out** in present ages.
- If we turn to the Bible with such knowledge in mind, and read the opening words, we can tell ourselves, ‘Now we begin to understand what is meant when it says that the Elohim formed earthly man by **breathing into him.**’
- ***Get to know “refined breathing”***

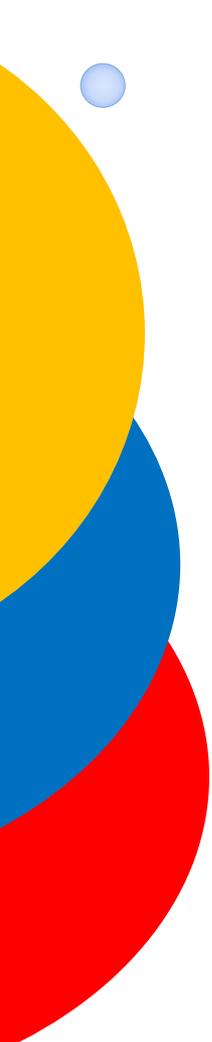




# WHO IS ON JUPITER'S HUMAN STAGE?

- Sub-human beings began to enter in 15<sup>th</sup> century
- Character consists of an impulse which strongly coincides with the **human power of will**
  - Appear now **from below** as beings produced in Ahriman's realm
  - They play into where we are most asleep – our will
  - **Ahrimanic influences act through those with obscured consciousnesses**
- “as long as one does not take into consideration these forces as forces objectively existing in the world just as one takes into consideration what today is called magnetism, electricity, and so forth, one will not gain an insight into human nature”
  - Today's natural science does not contain man, but merely the physical body

**The Mission of the Archangel Michael**, V, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence, November 29, 1919

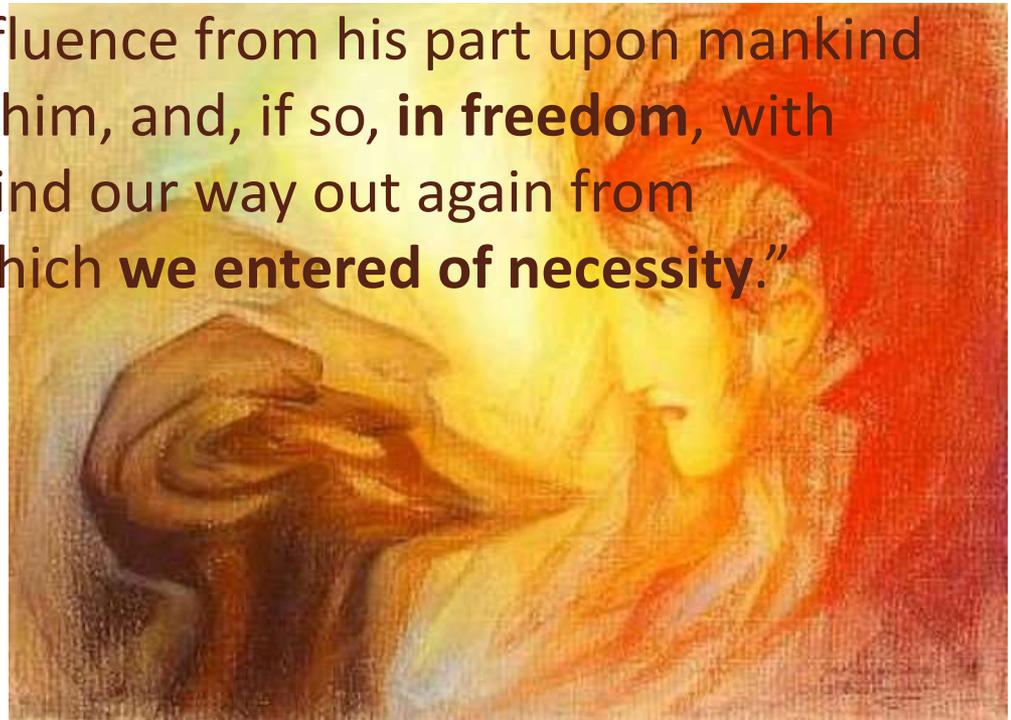


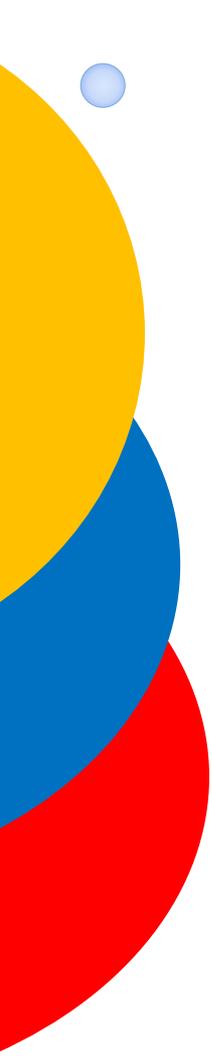
# Constructing Jupiter

- “We may foresee an age when the whole face of the Earth — which at the beginning was the work of the Gods — will have received the stamp imparted by the hand of man.
  - “In the beginning, form was given to all created things by the Gods.
  - “This power of giving form has passed from the Gods to men, in so far as the mineral kingdom is concerned.
- “In ancient traditions it was taught that man must accomplish the task of transforming the Earth in fulfillment of a threefold goal, namely the realization of **truth, beauty, goodness (strength)**.
  - “It is for man to make the Earth into a temple of truth, beauty and goodness. And then, those who come after him will look upon his work as we now look upon the mineral world which came forth from the hands of the Gods.
- “The Gods have given form to the crystal which we extract from the Earth, just as we build our monuments and our **machines**. Just as in the past the Gods created the mineral world from a chaotic mass, so our cathedrals, inventions and even our institutions are the germs from which a future world will come to birth.”
  - “Neither cathedrals nor **machines** have been built in vain.
- Rudolf Steiner, *An Esoteric Cosmology*, lecture XV, GA94

# Of Cosmic Necessity and Freedom

- Old Moon 2<sup>nd</sup> Half → human stage of Earth
- Earth 2<sup>nd</sup> Half → human stage of Jupiter
- “Whatever Michael performs, is performed in such a way as to exert no influence from his part upon mankind who is **free** to follow him, and, if so, **in freedom**, with the Christ-Power to find our way out again from **Ahriman's sphere**, which **we entered of necessity.**”





# Love and Jupiter

- "Just as **wisdom was evolved** upon the Moon, in order that it might now be found in all things, so in like manner is **love evolving**
  - Love came into existence first in its lowest, its most sensuous form, during the Lemurian period
  - Love will become ever more and more spiritualized, until at last, when the Earth has reached the end of its evolution, the whole of existence will have become **pervaded with love as today it is pervaded with wisdom**
- The Beings who will wander about **upon Jupiter**, just as human Beings move about upon the Earth, will **find love exhaling** from all creatures, the love which they themselves, as Human Beings, will have placed there during their life upon the Earth
  - They will find love in everything just as we today find wisdom everywhere
  - Then human beings will develop love out of their own inner selves in the same way that they are now little by little evolving wisdom
  - **The great cosmic love that here upon the Earth is beginning its existence will then permeate all things.**“ *Rudolf Steiner, Gospel of St. John, Hamburg*
- **From Wisdom to Cosmic Love to The Father.** Manas to Buddhi to Atman

# Does Our Soul Adjust to a Machine?



- Can the body become as detached as a car is today?

# 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”
- *Theosophy of the Rosicrucian*, Lecture 13, *The Future of Man*, 5Jun1907, Berlin, GA 99
- Future: a good person may live within a body that does evil
- *Fall of the Spirits of Darkness*, lecture 4



# Questions about Merging?

- “The welding together of human beings with machines will be a great and important problem for the rest of the earth-evolution.” – R.S. *Wrong and Right Use*, lecture 3
- How Will We Merge?
  - Transhumanist’s view
  - Steiner’s “welding” view
- What do we give up?
  - Bodily members?
  - Physical organs?
  - Etheric organs?



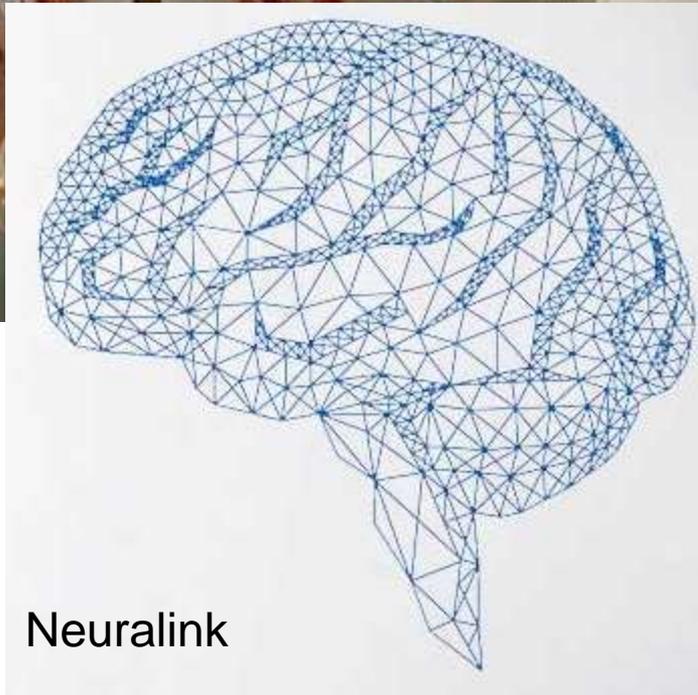
# I Want to High-Five my Friends!



# Motor Nerve Prosthetic Limbs

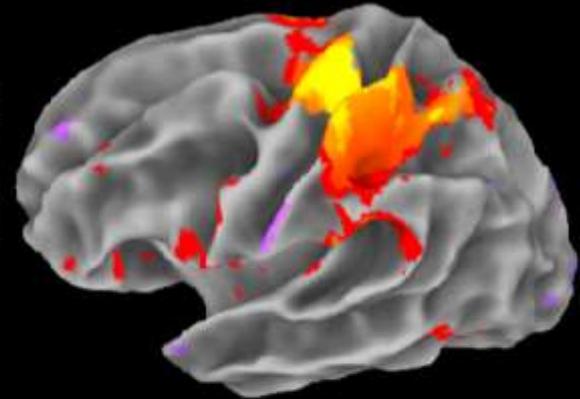


# fMRI Prosthetic Limbs

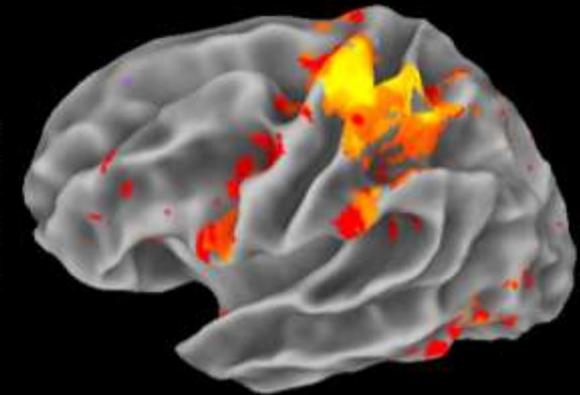


Neuralink

Healthy Subjects  
(Right Hand)



Stroke Patients Affected Hand  
(Right Hand)



Contralateral Hemisphere

# Becoming Affordable

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



# Restoring Normalcy after tragedy

- What is the human experience?
- Does the bionic become a member of the body?
- Can a soul feel this to be a part of its body?
- What does this mean for human evolution?



# Where Will This Lead?



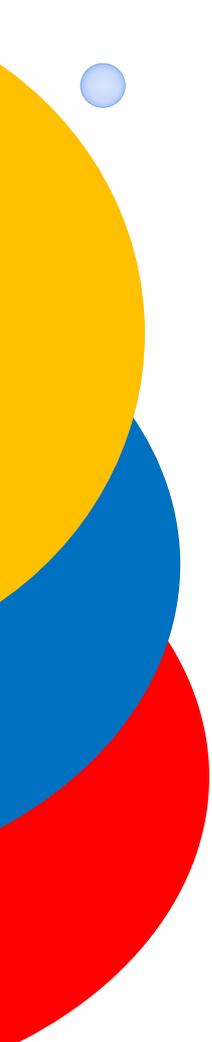
## Consciousness Expansion

- Upwards
- Downwards

Countenance visible

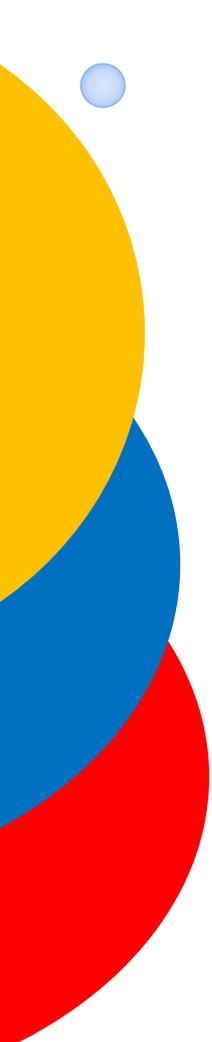
Must prostheses look  
human?





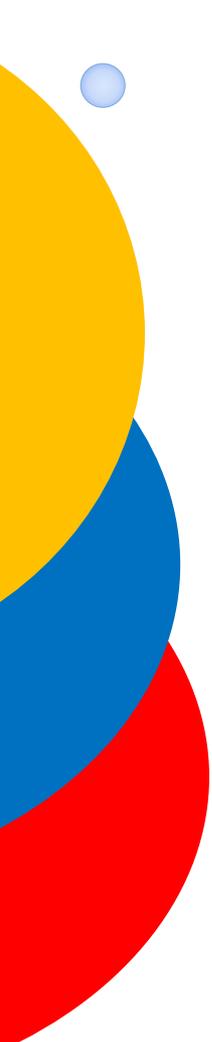
# *Transition* of Our Constitution

- “If the relationships that can only come into their own between the **inner life & the physical body** were to continue unchanged, people would no longer find anything to do on earth.
- We’ve heard that in the 6th millennium, women will no longer be able to have children.
- Human beings therefore have to find a **different way** of relating to earthly existence – the final stages of earth evolution will make it necessary for them to **do without physical bodies** and yet be present on earth”



# What can (should) we do?

- **Foster *Spiritual Science*** for and in the world
  - Understanding the human being
  - Working with spiritual beings
- **Inner development**
- **New Yoga Will**
  - *The Mission of the Archangel Michael*, [lecture 6](#), 30Nov1919, GA 194, The Ancient Yoga Culture and the New Yoga Will. The Michael Culture of the Future
  - Movement outdoors – daily, rhythm, one hour or more
  - Children need two hours minimally
  - **Breathing sunshine and spiritual beings**



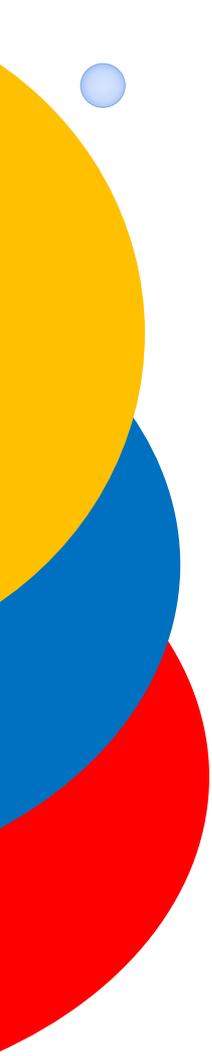
# Could Both be Correct?

## Ray Kurzweil

- Transcend biology by merging with non-biological systems
- Merger of our biological thinking and existence with our technology
- By 2030 man will be less human and more machine, with bodies filled with nano-robots and artificially enhanced to be much stronger and billions of times more intelligent
- "[2045: The Year Man Becomes Immortal](#)" *Time*, Feb. 2011
- Our bodies, minds, and civilization must merge
- Human = bio-machine

## Rudolf Steiner

- “The **welding** together of human beings with machines will be a great and important problem for the rest of the earth-evolution.”
- “Man will chain a **second being** to him ... feel the urge to think materialistic thoughts, to think, not through his own being, but through the second being who is his companion”
- “Our **science** must lead the way, must prepare for what has to happen with the bodily essence in the future.”
- “What you think today, that you will be tomorrow



# Closing

- Ahrimanic double → spider
- Jupiter future-human emerging
- Vulcan beings helping us
- “Whatever one may experience, one can look with **complete trust towards the future**. For just as the crystal first develops out of an alkaline solution only after it has been vigorously stirred, so also something new can only develop after **great upheavals.**”
  - Rudolf Steiner, *Foundations of Esotericism*, lecture 31, 5Nov1905, Berlin, GA 93a

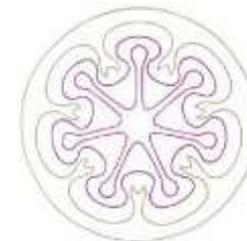


# *The Human Double and Its Future*

## *Q&A*



*With Andrew Linnell*



Center for  
Anthroposophical  
Endeavors

# Preparing for modern Life



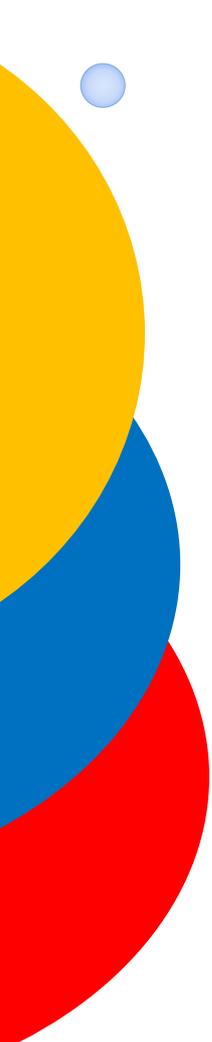
## Generational Differences

# Temple of the I



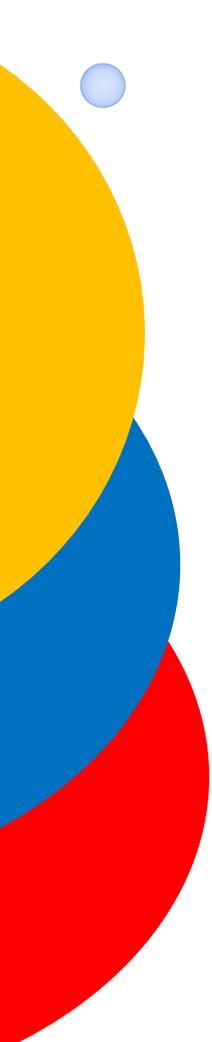
## A long process:

- Physical body granted to us: Saturn, Fall, Atlantis, Greek
  - Etheric body granted to us: Sun, Lemuria, future **Outer Court**
- 
- Astral body granted to us: Moon, Hyperborea, future
  - Sentient soul: joint working
  - Intellectual soul: joint working **Inner Court**
  - Consciousness soul: joint working
- 
- Manas: Own I working on Astral
  - Buddhi: Own I working on Etheric **Future Temple**
  - Atma: Own I working on Physical



# Interest in Reality

- What does it mean when people do not want to know anything about Spiritual Science? It means that they have no interest for what is reality. For if a man has no desire to know anything about the nature of Old Saturn, Old Sun, Old Moon, then he can know nothing about the Earth.
- Lack of interest in the world is egoism in its grossest form. Interest in all existence is man's bounden duty. Let us therefore long for and love the sun with its creative power, its love for the well-being of the earth and the souls of men! This interest in the earth's evolution should be the spiritual seed of love for the world. A Spiritual Science without love would be a danger to mankind. But love should not be a matter for preaching; love must and indeed will come into the world through the spreading of knowledge of spiritual truths. Deeds of love and Spiritual Science should be inseparably united."
  - Source: Rudolf Steiner, *Love and its Meaning in the World*, Zurich, 17Dec1912, GA 143



## Verse: Facing the Future

*We must eradicate from the soul all fear and terror of what comes toward us out of the future. We must acquire serenity in all feelings and sensations about the future. We must look forward with absolute equanimity to all that may come, and we must think only that whatever comes is given to us by a world direction full of wisdom. This is what we have to learn in our times: to live out of pure trust in the ever-present help of the spiritual world. Surely nothing else will do, if our courage is not to fail us. Let us properly discipline our will and let us seek the inner awakening every morning and every evening.*

- Trust in the ever present help vs Fatalism
- **“direction full of wisdom”** – whose wisdom? God or Man?
- **“For the wisdom of this world is foolishness with God”** - 1 Corinthians 3:19

# Lucifer & Ahriman and the future

Isn't the future unknowable, indetermir

## Lucifer

- Tempt into Illusion
- Lead us back to “God”,  
to the glory & wisdom of Moon

## Ahriman

- Tempt into Error
- Forget the past, it won't help to get to the future
- You, oh Man, must navigate the future (w/o the past)

## **Janus face**

- By knowing the past we can foresee the future

