

# Vulcan Beings and the Future of the Human Body

Will Mankind be Welded to Machines?

“Elon Musk wants to merge man and machine” – *The Conversation*, 31Mar2017

Andrew Linnell

[jandrewlinnell@yahoo.com](mailto:jandrewlinnell@yahoo.com)

[www.mystech.co](http://www.mystech.co)



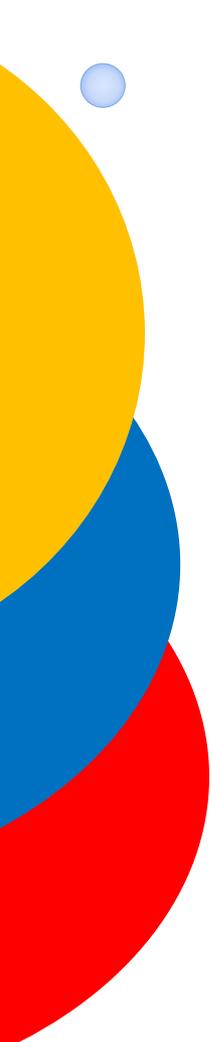
# Transhumanism Overview

Yuval Noah Harari  
New York Times Bestselling  
Author of *Sapiens*

- Futurologists such as Ray Kurzweil predict 2045 as when AI robotic intelligence will surpass human intelligence
  - [Before then] “we want to preserve the best of what it is to be human and maybe even amplify that” – Nick Bostrom
  - “Transhumanism will lead humanity forward to understand a simple truth: that the spectre of ageing and death are unwanted, and we should strive to control and eliminate them” – Zoltan Istvan
- Why is this imagination important for Anthroposophists?
  - The role of human imaginations for our future



Christian Kromme



# Tech Impact On Our Teens

- Depression
  - “8th graders who spend 10 or more hours a week on social media are 56% more likely to say they are unhappy than w/less.
  - 8th graders who are heavy users of social media increase their risk of depression by 27%.
  - Teens who spend 3+ hours a day on electronic devices are 35% more likely to have a risk factor for suicide.
  - Girls, especially hard hit, have experienced a 50% rise in depressive symptoms.”
  - <https://www.nytimes.com/2017/11/20/opinion/how-evil-is-tech.html>
- Addiction: dopamine surges, hijacking techniques
  - Shame campaign like tobacco and car seats needed?
  - *Wait Until 8th* urges parents regarding smartphones
    - <https://phys.org/news/2017-12-kid-smartphone.html>

# Intended Addiction

- Chamath Palihapitiya
- Former Facebook VP
- Conference at Stanford
- CBS News 12/12/2017
- “The short-term, dopamine-driven feedback loops that we have created are destroying how society works. No civil discourse. No cooperation. Misinformation. Mistruth. And it's not an American problem. This is not about Russian ads. This is a global problem. So we are in a really bad state of affairs right now, in my opinion.”



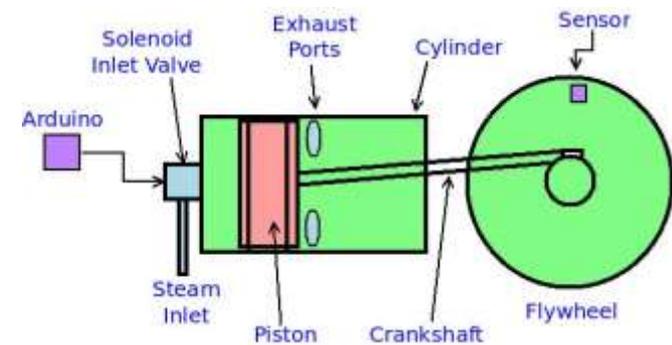
# Tech Impact On The Rest Of Us



- American Psychiatric Assoc.:
  - “Half of millennials worry about the negative effects of social media on their mental and physical health”
- A [recent Pew Research Center survey](#) noted that more than 70 percent of Americans were worried about automation’s impact on jobs (Steiner: 90% of jobs gone)
- “Got to regulate AI/robotics like we do food, drugs, aircraft & cars” – Elon Musk
- [Annals of Technology, October 23, 2017 Issue](#)
  - **Welcoming Our New Robot Overlords**
  - *“Once, robots assisted human workers. Now it’s the other way around.”* by Sheelah Kolhatkar



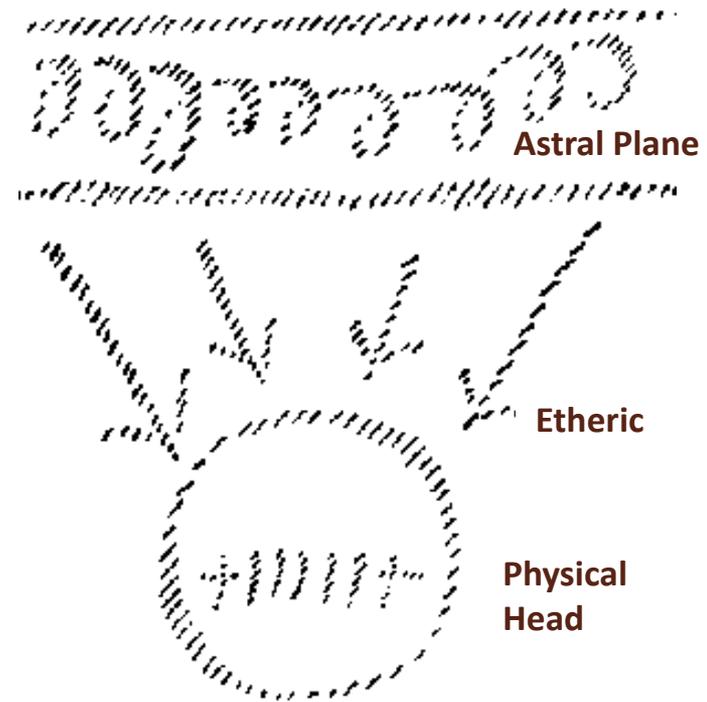
# What is Technology? *and Overcome Our Fears*



- Offers emancipation from labor (and from Nature)
  - Allows mankind to rise above (“to conquer”) Nature
  - Mankind becomes aware of its separateness (freedom)
- Who gave technology to humanity?
  - Hephaestus/Vulcan
  - Cain
- “Tools” based on the **lifeless** of the human body
  1. Augment limbs (tools)
  2. Augment rhythmic (steam engine, piston)
  3. Augment nerve/sense (telescope, microscope, camera)
  4. Augment thinking (computers, AI) – *is it still just a tool?*
    - By taking on our dead thinking, are we freed for living thinking?
    - What will we do with our “free time”?

# What is Human Thinking?

- Human thinking is the **shadow-image** of mental pictures and beings belonging the astral plane
- Thoughts that are in the head must be pictured as living beings on the astral plane
  - Beings of the most varied kinds are at work there
  - Their mental pictures and deeds cast their shadow-images
  - These processes are reflected in the human head as thinking
  - Continuous streams move between head and astral plane
  - *The Etherization of the Blood*, 10Oct1911, GA 130



# Link Between Thinking and Machines?



- “Gradual development of these still imperfect, primitive machines into a kind of machine which depends upon vibrations, and where the aim is to make the machines effective by means of vibrations or oscillations, by means of movements which run a periodic course.

- “Everything is hastening towards such machines.”

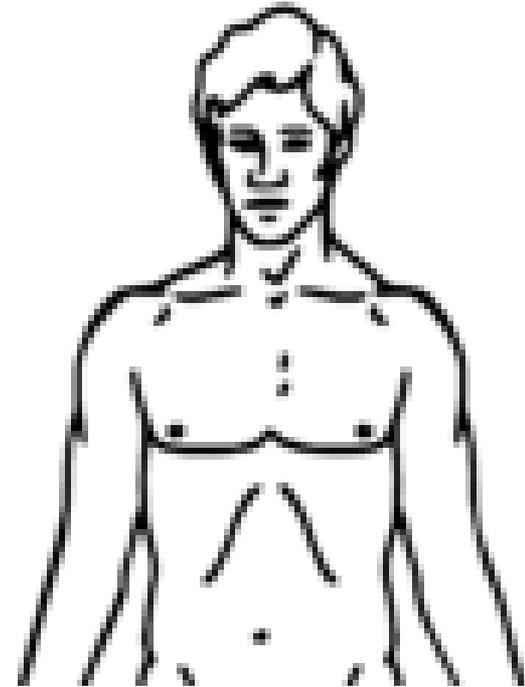
*Man as Symphony of the Creative Word, lectr 2, 20Oct1923, Dornach, GA 230*

- “how the motions of human moods allow themselves to be translated into wave motions on machines”

*Reappearance of Christ in the Etheric, lecture 12, 25Nov1917, Dornach, GA 178*

# Breathing and [Dead] Thinking

- **Above breathing** is more refined
  - Nerve-sense process: modified inhalation
    - Active in the ethers *Warmth & Light*
- **Middle breathing:** *air* (inhale to lungs) & *water* (exhale)
- **Below breathing** is more coarse
  - **Digestion:** modified exhalation
  - **Metabolism:**
    - What remains behind of inner activity from **exhalation**
    - Active in the element *Earth*



# Inhalation

- Natural Science: we inhale oxygen
- Spiritual Science: we also inhale **formative forces w/air**
  - **An activity directed by the astral body**
  - A human being comes into **being** in the **element** of air
  - When asleep, microcosmic astral body leaves thus macrocosmic astrality is all the more active
    - Control of inhalation during sleep comes from outside
      - That is why breathing during sleep is different
    - Earth forces, climate, and other factors can make cosmic astrality abnormal



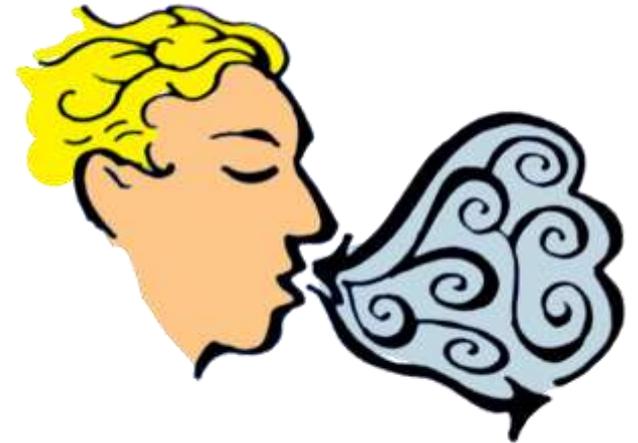
# Thinking as Refined Breathing



- **In head:** process *not in the element of air* but in **warmth**
  - Macrocosm: breathing-in but **not a breathing-out of warmth**
  - What is **exhaled by the nerve-sense system** becomes united with what is being **inhaled by the mediating lungs**
  - The **nerve-sense** system carries on **inhalation** as a taking-in **light** from outside
    - What is taken in is *not released again* to the outside
      - It is given over to the coarser breathing process of the lungs
      - To the air inhalation and thus carried farther into the organism
    - Cosmic **warmth** enters the human organism by way of breathing
    - **Carried by the inhalation of warmth** into the human organism:
      - Ethers of Light, macrocosmic-chemism, and macrocosmic-life
      - Inhaled Vitality: **Light ether, chemical ether, and life ether**
- **AI can perform only what is lifeless (dead thinking)**

# Exhalation (not same substance)

- Natural Science: we exhale carbon dioxide mixed with air
- Spiritual Science: not a passive process but **active**
- Process occurs in the ***fluid*** element through **etheric body**
  - When asleep, etheric remains with physical body; no change
  - [recall descriptions of Atlantean atmosphere]
- What does an AI-robot exhale?



# From *Etherization of the Blood* Q&A

- Higher Devachan ... **Life Ether**
- Lower Devachan ... **Chemical Ether**
- Astral ..... **Light Ether**

Models of movement: streaming ray versus falling dominos

## Sub-physical, Province of

- Lucifer ..... **sub-physical Astral World: electricity**
- Ahriman..... **sub-physical Lower Devachan: magnetism**
- Asuras ..... **sub-physical Higher Devachan: terrible forces of destruction**



# WHAT ARE THESE VULCAN BEINGS?



Where do they come from?

How do they affect human evolution?

What is their ultimate role (with humanity)?



# WHAT ARE THESE VULCAN BEINGS?



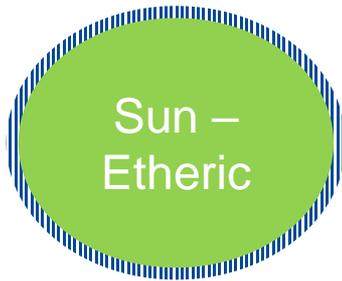
**Where do they come from? answer in *Occult Science***  
How do they affect human evolution?  
What is their ultimate role (with humanity)?

# Esoteric Science: Old Saturn



- **Thrones** sacrificed their substance
- 'Egg-shaped' **warmth** entitites
- Current **Archai** were at human stage
  - “Laggards” – unpopped kernels

# Esoteric Science: Old Sun



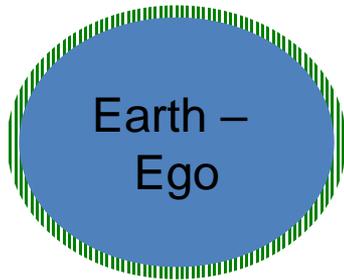
- **Kyriotetes** sacrificed their substance
- **Air-Fire-Light**
- Life to entities – Death at cycle end
- Current **Archangeloi** at human stage
  - “Laggards” – unpopped kernels

# Esoteric Science: Old Moon



- **Dynamis** sacrificed their substance
- **Water-Air-Fire-Light-Chem/Tone Ether**
- Via traversals of the zodiac
  - Development of Wisdom
- Current **Angeloi** at human stage
  - “Laggards” – unpopped kernels

# Esoteric Science: Earth

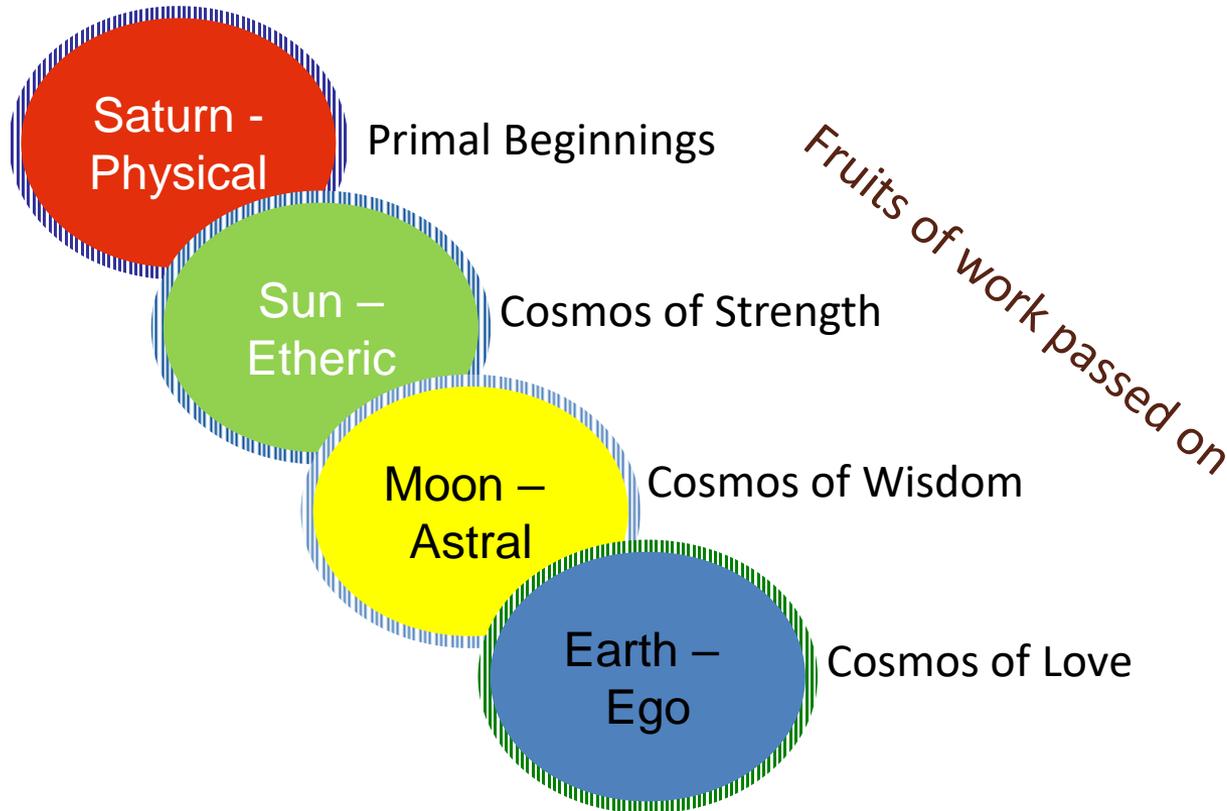


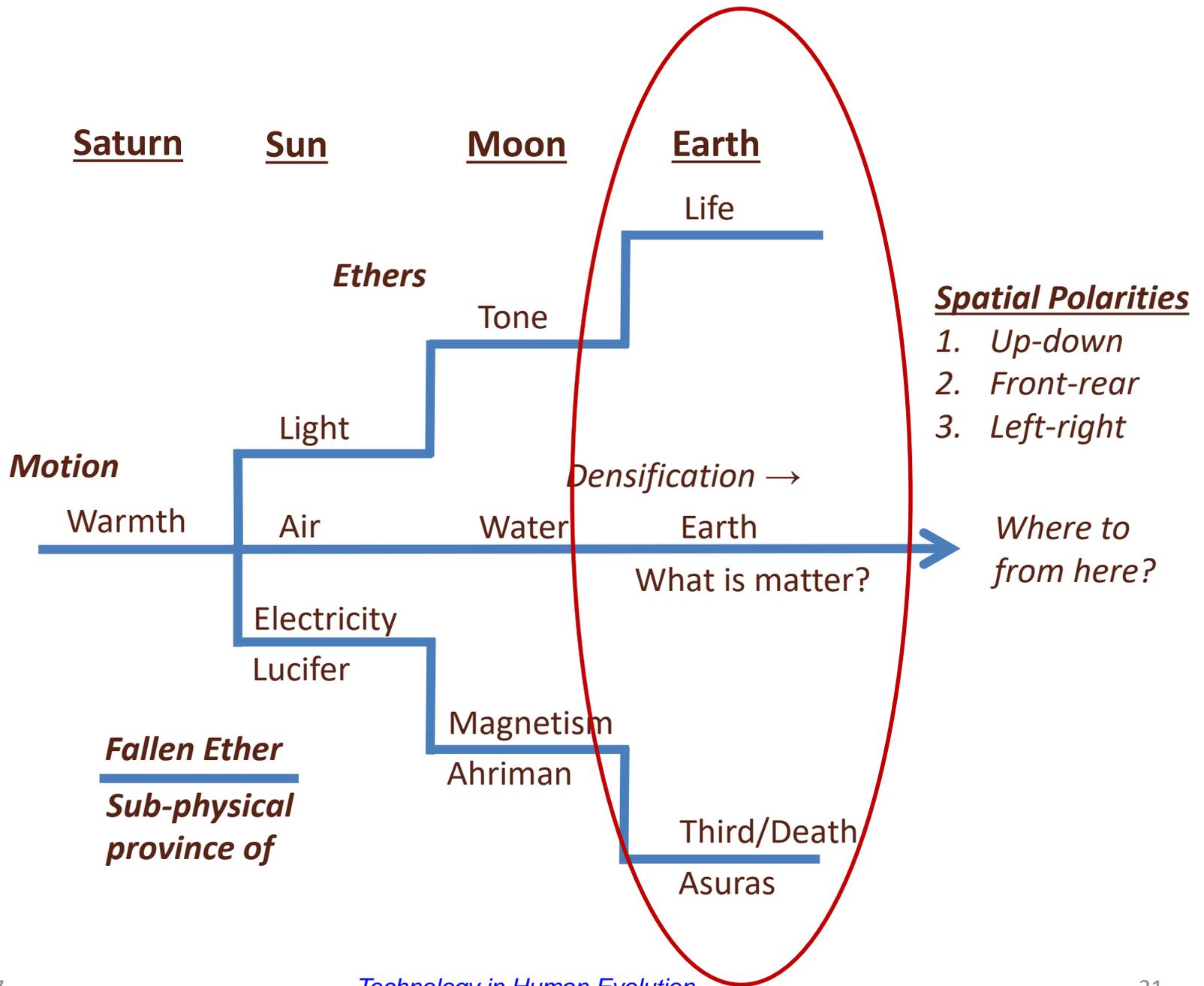
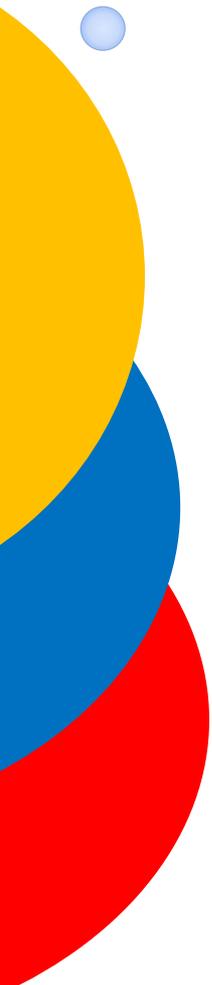
- **Exusiai** sacrificed their substance
- **Earth-Water-Air-Fire-Light-Chem-Life**
- Via traversals of the zodiac
  - Love and Freedom
- **We** are now on the human stage

*What's Next in Evolution?*

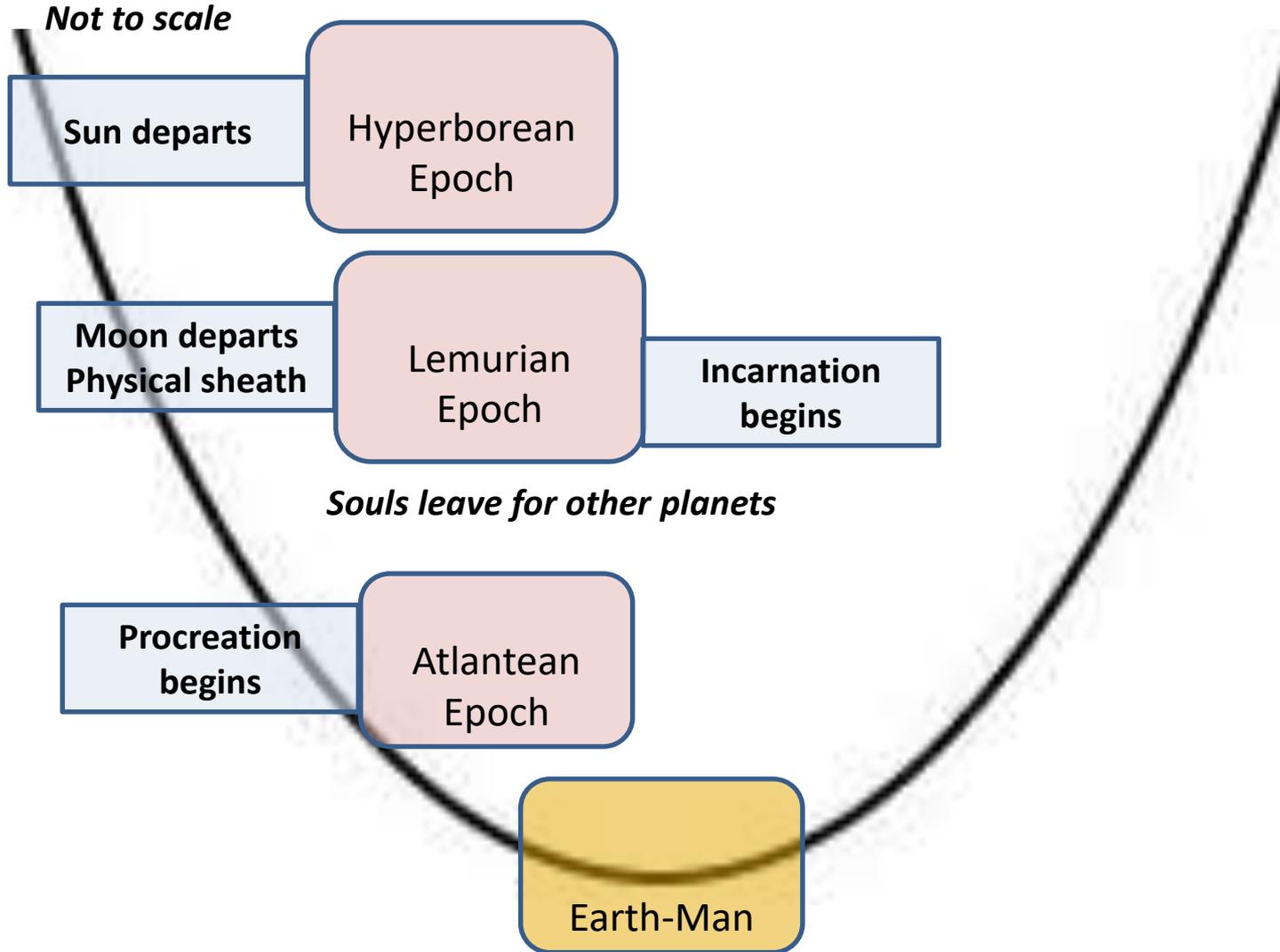
# Cosmic Evolution

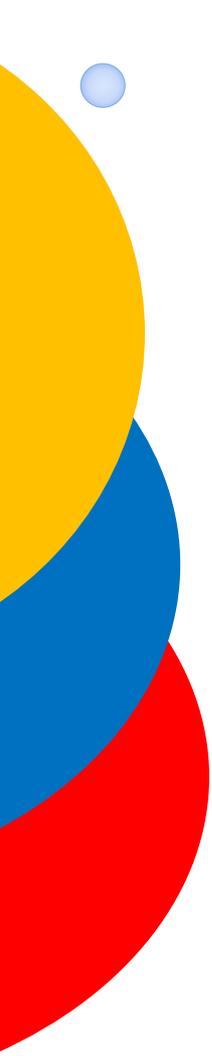
Metallicity (origin of heavy metals → 4<sup>th</sup> solar system)





# Evolution Mankind During Earthly Condition





# Earth-Solar System

- Each planet is a home to a set of beings
- Earth is where the human stage exists
- Today's sun withdrew 'with finer elements'
  - During **Hyperborean Epoch**, a recapitulation of Old Sun
  - Negative 'space' with sun
  - For the advanced beings, e.g. Elohim (or Exusiai) and others
  - Others expelled later: Vulcans, Mercury, Venus beings
- Today's moon later withdrew 'with coarser elements'
  - During **Lemurian Epoch**

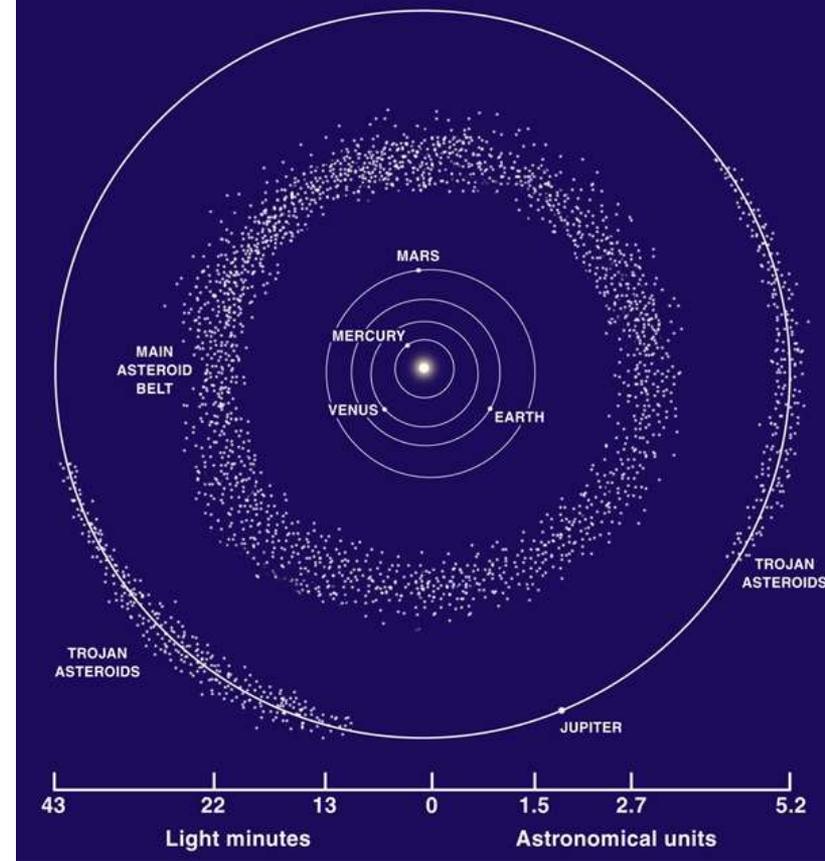
# Earth Evolution

Epoch	Recapitulate	Cosmic	Element: Body
Polarian	Old Saturn	Warm nebula, Saturn forms	<u>Warmth</u> : physical
Hyperborean	Old Sun	Jupiter forms Sun separates	Air-light: <u>etheric</u> , Vulcan w/Sun being
Lemurian	Old Moon	Mars forms Sun-split: Venus & Mercury Moon splits off	Water-chem: <u>astral</u>
Atlantean	none	4 group souls: bull, lion, eagle, angel-man	<u>Earth: Ego</u> , Hardening of matter

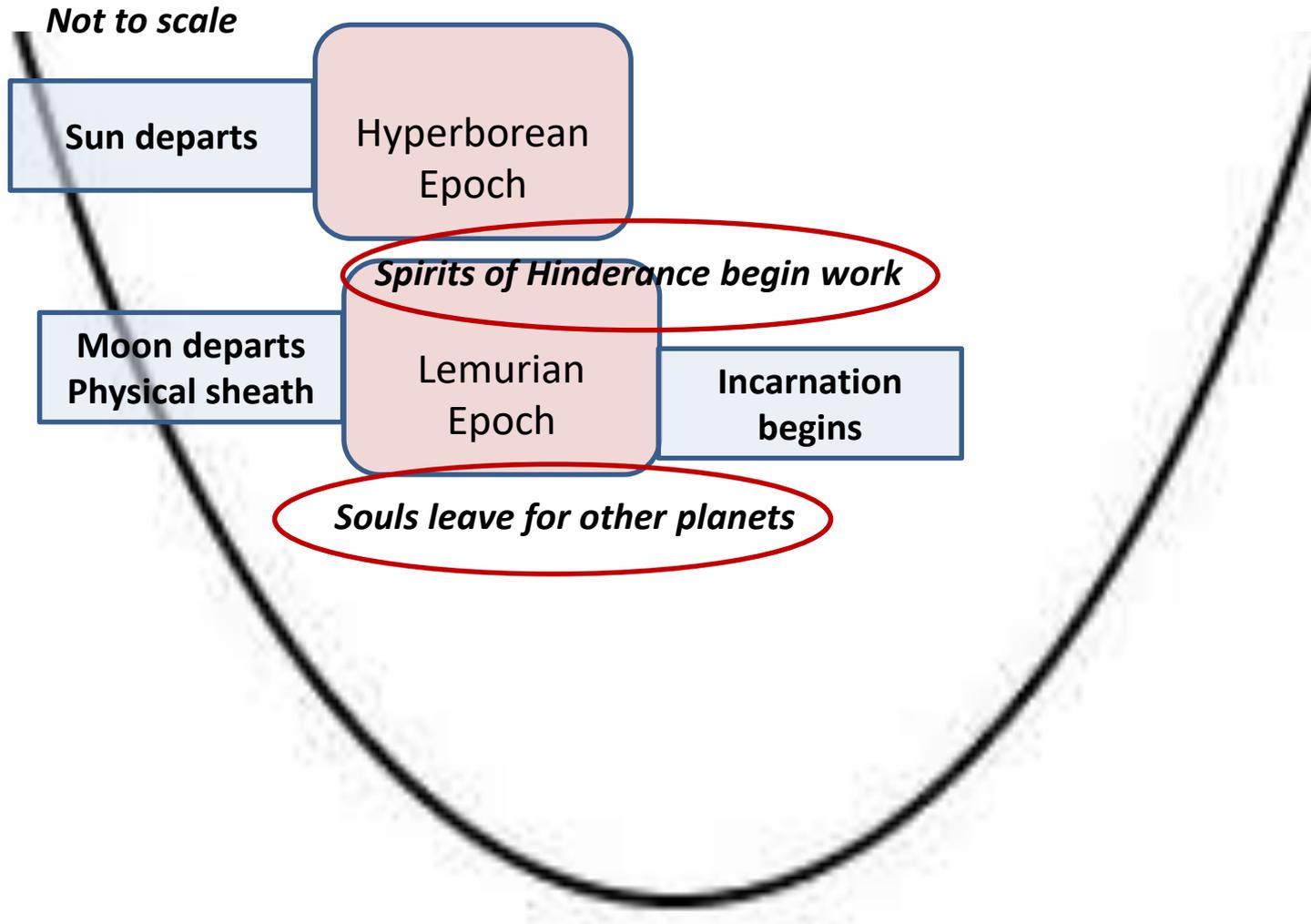
R. Steiner, *Rosicrucian Esotericism*, lecture 7, 9Jun1909, Budapest, GA 109

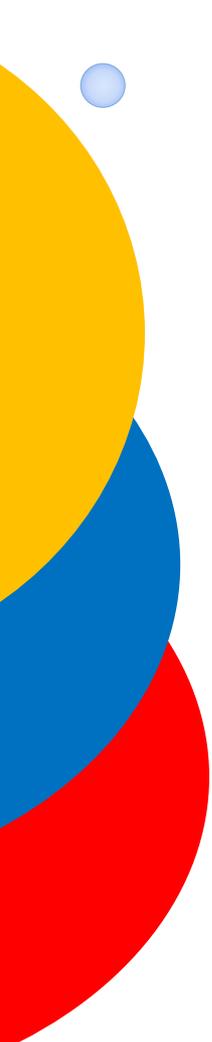
# War in Heaven

- Happened between Old Sun and Old Moon
- God directed some Dynamics, Might, Spirits of Movement to become **Beings of Hindrance**
  - Eventually leads to evil today
- Purpose: new hierarchical beings will be **strong**
  - Old Sun: Cosmos of Strength



# During Earthly Evolution of Mankind





## Was It Our Darkest and Hardest Era?

- “Before the exit of the moon, everything that should have been habitable on earth was often hardened, crusted, withered, mummified.
- There was actually a period when souls were seeking in vain for bodies for their own evolution on earth.
- The consequence was that certain beings simply could not at that time have returned to the physical plane as men.
- These beings then went to other cosmic bodies that had separated from the sun, namely, to Venus, Jupiter, Saturn and Mars.” -- *Rosicrucian Esotericism*, lecture 7, GA109

# Was It Our Most Difficult Era?

- “There was a time when the majority of these beings who should normally have incarnated on the earth according to their nature and their stage of evolution, placed themselves under the protection of the beings of Mars, Jupiter, Venus or Saturn, having ascended to and populated these cosmic bodies.
- Only the strongest souls found it possible to cope with the stubborn bodies and keep them flexible. It was only the best soul material that then came again to the earth, because its power to master the stubborn bodies was the greatest.
- But under such conditions evolution could not have progressed.” -- *Rosicrucian Esotericism*, lecture 7, GA109
- Later return to earth: in groups from planets → races (Lemuria & Atlantis)





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Where do they come from?

**How do they affect human evolution?**

What is their ultimate role (with humanity)?

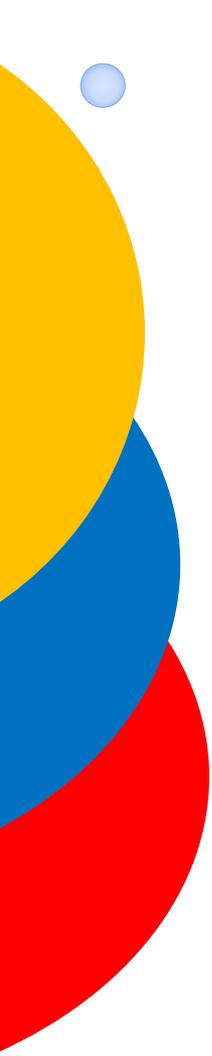
“Vulcan beings, ‘**Supermen**’ of Vulcan, ‘Supermen’ of Venus, of Mercury, and of the Sun, will **unite** with this earth-existence” --

- *Rosicrucian Esotericism*, lecture 7, GA109



## Task of the Vulcan Oracle

- “On Atlantean continent we should distinguish between oracles of the Moon, Mercury, Venus, Sun, Mars, Jupiter, and Saturn. ...
- On Atlantis, people who were suited to develop this or that cognitive capacity were chosen from the population and assigned to one of the seven oracles.
- Of the seven oracles, which were named after the seven planets in ancient Atlantis, the **Sun Oracle** stood out from all the others, but next to it the **Vulcan Oracle prepared itself in secrecy for its future task.** [now]”
- *The Principle of Spiritual Economy*, lecture 11, 31May1909, GA109



# What Is the Cosmic Vulcan Influence?

- “From another point of view therefore, **Mars, Jupiter and Saturn** may also be called the **liberating** planets; they give man freedom.
- On the other hand, **Venus, Mercury and the Moon** may be called the **destiny-determining** planets.”
  - Vulcan lies between Mercury and Moon
- “In the midst of all these deeds and impulses of the planetary individualities stands the **Sun**, creating **harmony** between the liberating and the destiny-determining planets.”
- *The Spiritual Individualities of the Planets*, 27Jul1923 , Dornach, GA 228

# Post-Atlantean Cultural Ages (PACA)

PACA	Cosmic	Comment
1 <sup>st</sup> India	Saturn recapitulat	Recall Polarian, unity
2 <sup>nd</sup> Persia	Sun recapitulatn	Recall Hyperborean, dual
3 <sup>rd</sup> Egypt	Moon recapitln	Recall Lemurian, trinity
4 <sup>th</sup> Gr-Rm	No cosmic recap HB here, MoG	Recall Atlantis, Ego 'arrives'
5 <sup>th</sup> now	Confronting evil	Deepest into matter Freedom, <i>fulfill Egypt</i>
6 <sup>th</sup> Slav	Philadelphia	Wisdom→Love, <i>Persia</i>
7 <sup>th</sup> American	WAA, rescue, Moon returns	Purification, separate, <i>India</i> → Sixth Epoch

R. Steiner, *Rosicrucian Esotericism*, lecture 7, 9Jun1909, Budapest, GA 109

# Revelations: Our Future Earth Epochs

Epoch	Cosmic	Lowest Body	Comment
5 <sup>th</sup> now	Seven letters	Physical	Deepest plunge into matter, Freedom
6 <sup>th</sup>	Seven seals	Etheric	Wisdom→Love, Rescue Evil HB, morality on face
7 <sup>th</sup>	Seven trumpets	Astral	Separate/8 <sup>th</sup> sphere, dissolve matter→Jupiter

R. Steiner, *Rosicrucian Esotericism*, lecture 7, 9Jun1909, Budapest, GA 109  
And *Apocalypse of John*, lectures 3, 8, 10, 1908, Nuremberg, GA 104

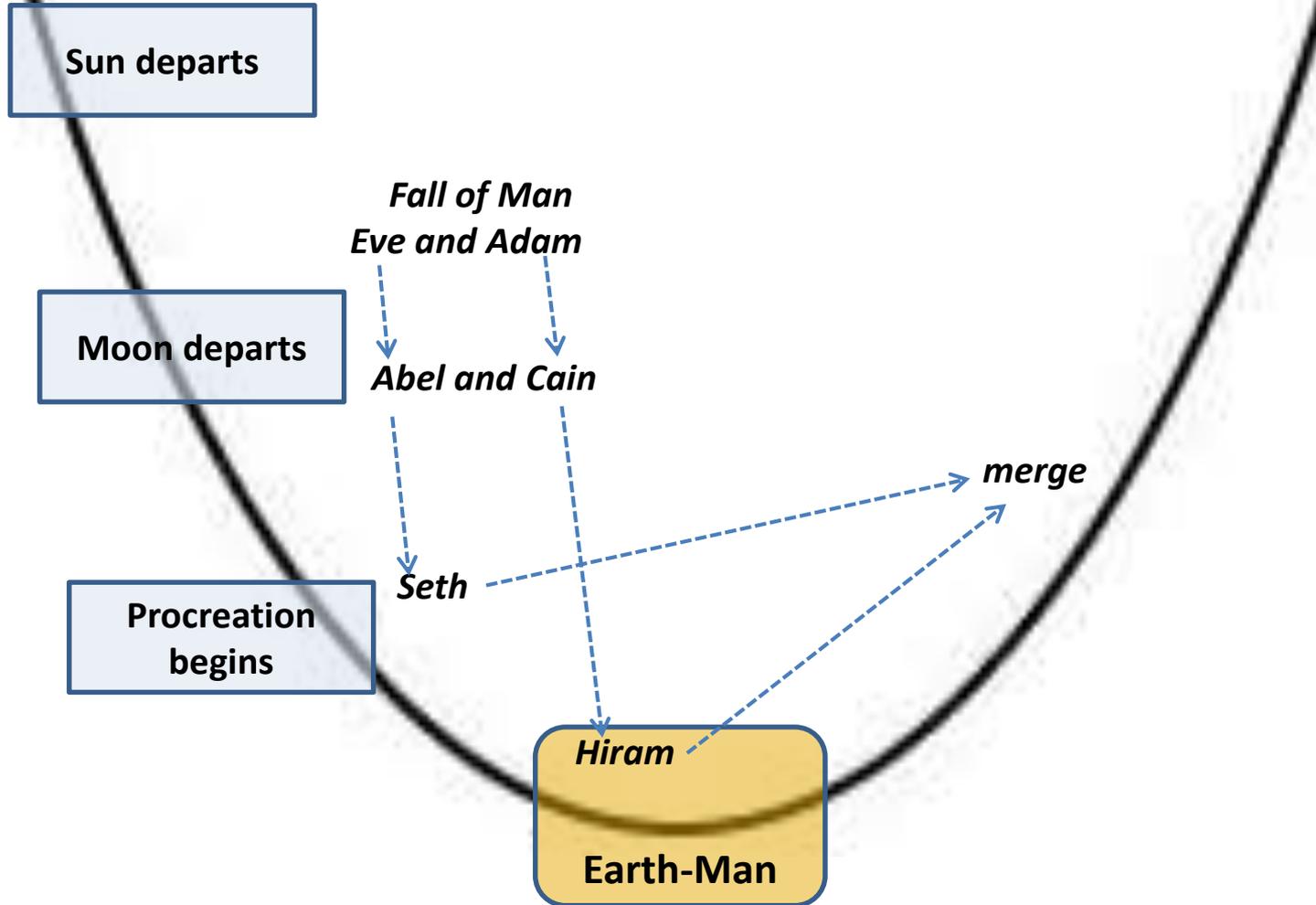
# What is Sown → Is Later Reaped (Completed)

- New directions:
  - What spiritual beings introduce,
    - humans complete in future
  - Evolution – Devolution
  - Level of spiritual being affects timeline to complete
- Not only cosmic evolution but also cultural
- Recapitulations:
  - Laggard beings finish their evolution when conditions exist again
- Cleanup:
  - Dissolve matter to enter Jupiter Planetary Condition using Love
  - Matter as coagulated electricity (thought)
  - More difficult to dissolve machines



# Past Evolution of Mankind

*Not to scale*



# Two Streams of Mankind

## Abel

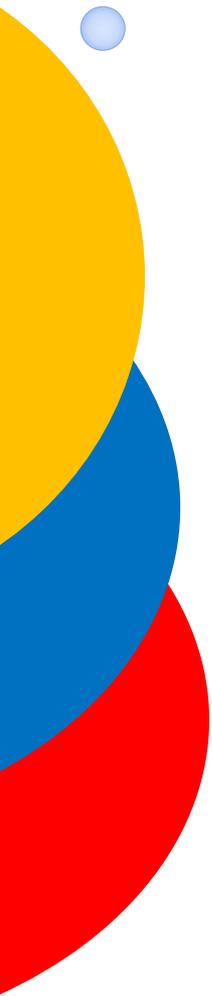
- Yahweh→Adam thru Eve
- Sons of God
- Takes world as it is
- Shepherds/priests
- Feminine wisdom
- Life will expire in form
- Seth inherits this race
  - First from sexual union

## Cain

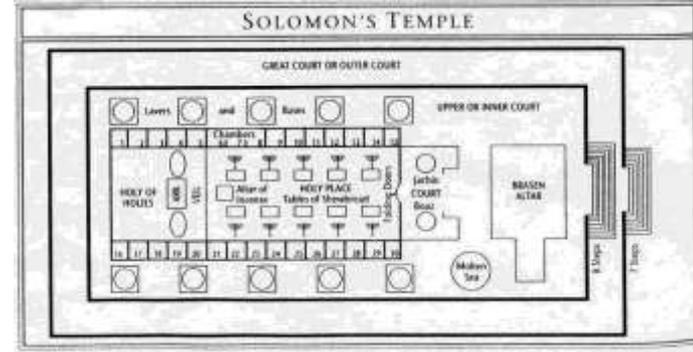
- Elohim thru Eve
- Sons of Fire
- Tills and transforms earth
- Builders/kings
- Masculine wisdom
- Create new life from the inanimate through art



How and when will  
this split be resolved?



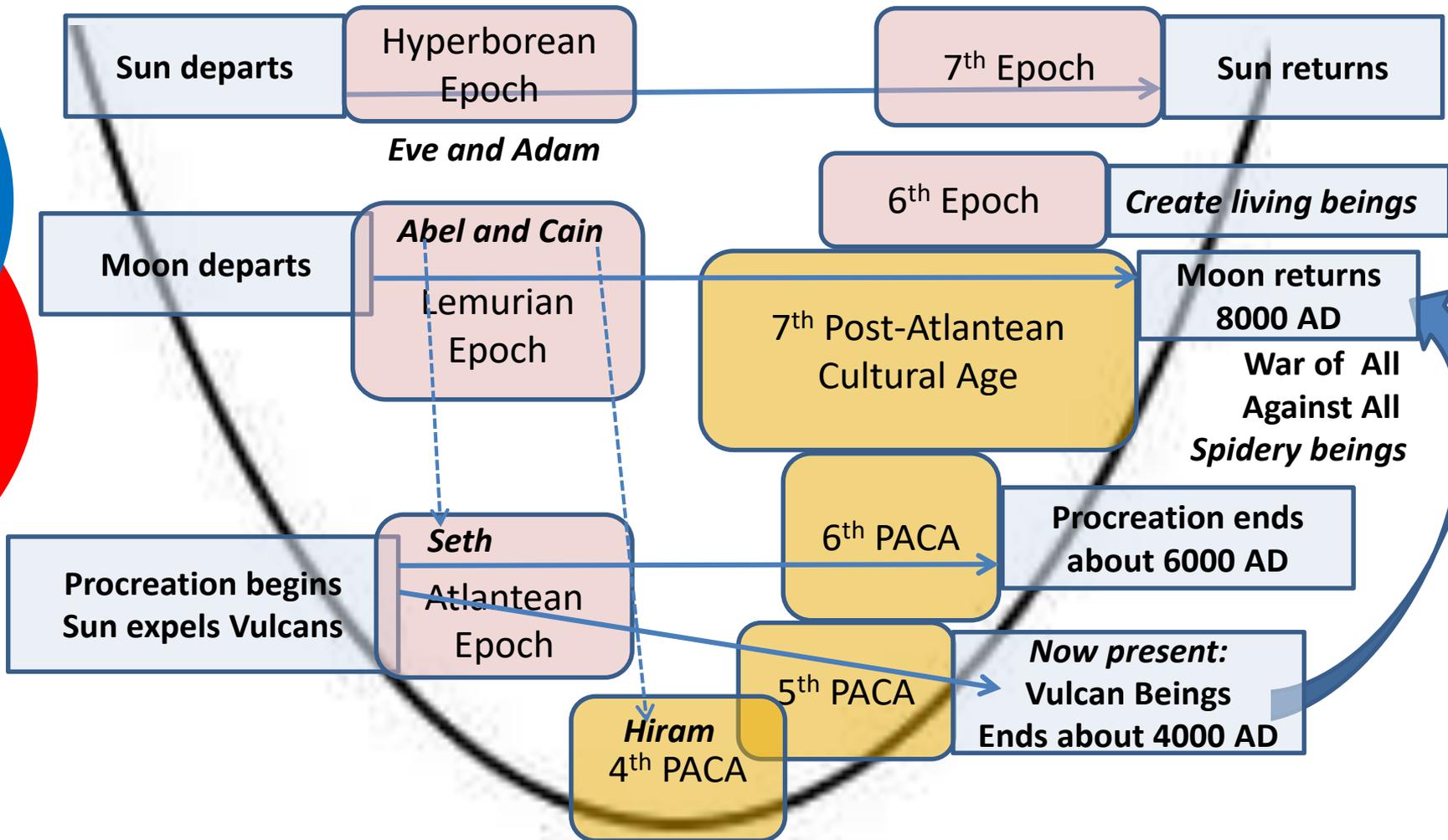
# The Temple Legend Tells Us



- At the close of the Sentient Soul Age (~950 BC)
- As Noah's Ark was the dimensions of PACA man, so was Solomon Temple the archetype of mankind's future form
  - Yahweh is the God of Form
- King Solomon: descendent of Abel, handsome, wise
- Hiram Abiff: descendent of Cain, fire, wise w/organizing
  - CRC is the guardian of the secrets of the Molten Sea
- Queen of Sheba: as the human soul
  - Transition from calm devotion to past glory to fire for the future
  - Bears new lineage of future Man through Hiram (who?)
- New Temple: Mankind – an inner construction

# Cycle of Evolution for Mankind

*Not to scale*





# WHAT ARE THESE VULCAN BEINGS?



Where do they come from?

How do they affect human evolution?

**What is their ultimate role (with humanity)?**



# Halftime Stretch





# WHAT ARE THESE VULCAN BEINGS?



Where do they come from?

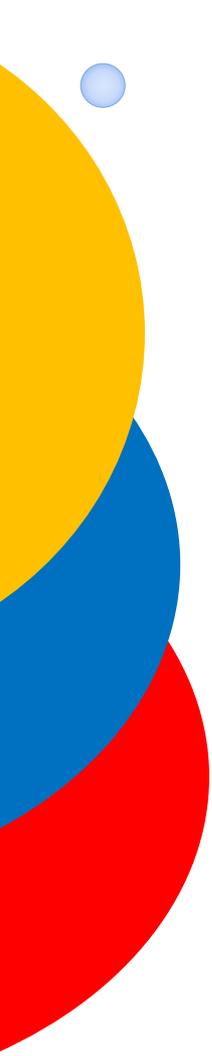
How do they affect human evolution?

**What is their ultimate role (with humanity)?**

# Why Vulcan Beings Are Here



- Since the end of the seventies of last century, other **beings — not of the human order — have been descending to the earth for the purposes of their further development**
- From cosmic realms beyond the earth they come down to the earth seeking to enter into a definite relationship with human beings
- Since the eighties of the nineteenth century, super-earthly beings have been **seeking to enter the sphere of earth-existence**
- Just as the **Vulcan-men** were the last to come down to the earth so now **Vulcan beings** are coming into the realm of earthly existence
- **Super-earthly beings** are already here
  - The fact that we are able to have a connected body of **Spiritual Science** at all today is due to the circumstance that Beings from beyond the earth are **bringing the messages from the spiritual world down into earth-existence**
- *A Picture of Earth-Evolution in the Future*, Dornach, 13May1921, GA 204



# Vulcan Beings And Catastrophes (sigh)

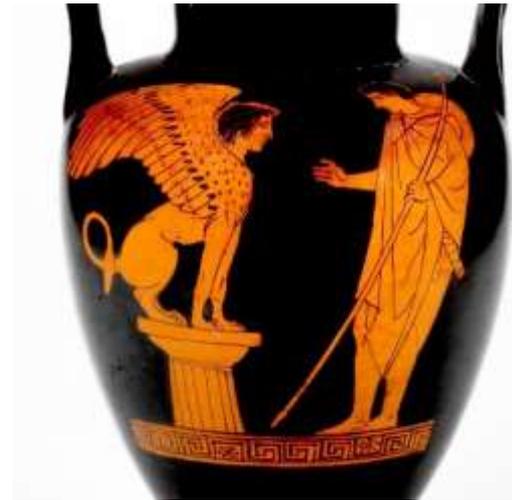
- The cultivation of Spiritual Science is in very truth a **cosmic event** of which we **ought to be fully conscious**
- Spiritual Beings are **seeking to come down into earth-existence and ought to be willingly received**
- **Catastrophe** after catastrophe must ensue, and earthly life will fall at length into social chaos, if opposition is maintained in human existence **to their advent**
- They desire nothing else than to be the **advance-guards** of what will happen to earth-existence when the **moon is once again united with the earth**
- *A Picture of Earth-Evolution in the Future*, Dornach, 13May1921, GA 204

# Vulcans and the Return of the Moon

- Before 8,000 A.D., Man will no longer be born of woman
- Physical birth began with the exit of the Moon and to this Man owes his Intellect, his personality and his individuality
  - This change however is only temporary
  - Spiritual Science can teach us these things
  - The Moon which reflects the Sunlight was separated from the Earth in order that man might attain freedom
- Man can only meet these Vulcan beings with understanding by raising himself to an **artistic perception and insight** (Imagination)
  - True Spiritual Science points to an artistic understanding
- The study of Spiritual Science is not something abstract; it opens the door to cosmic influences which have **sought to pour themselves into the Earth** since the last third of the 19th century
- *Evolution of Human Freedom and Personal Consciousness*, 19Jan1905, Dusseldorf, no GA

# Oedipus and Vulcan in Greek Mythology

- New god, Vulcan, expelled from Olympus – fell to Earth
  - **Malformed foot** – too ugly for the gods
- Oedipus solves the **riddle** of the sphinx
  - 4 early, 2 middle life, and 3 late in life?
  - Human Evolution
    - On four as animal
    - Upright as Man
    - Lose right arm (right side) leaving heart side and left arm
      - As a result of wearable robotics?
    - The future Vulcan human being limps, legs retrogress
- *Foundations of Esotericism*. Lecture 3, 28Sep1905, Berlin, GA 93a



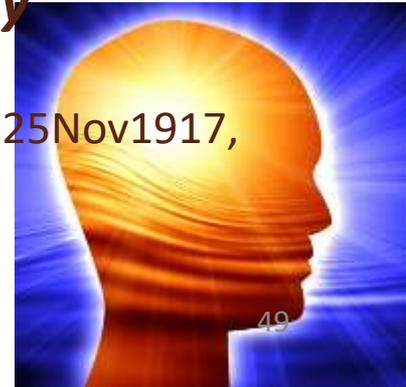
# Moral Tech Needed for Merging



- “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.***”
- *The Wrong and Right Use of Esoteric Knowledge*, lecture 3, 25Nov1917, Dornach, GA 178

# Merging Man and Machine

- “Now I will turn again to the fact that in this 5<sup>th</sup> PACA humanity will have to find ways of **dealing with great life-problems** which in a certain sense were veiled by the wisdom of the past.
- One of these great problems will be concerned with finding out how to **place the spiritual etheric forces at the service of practical life.**
- I have told you that in this epoch we have to solve the problem of how the **radiations from human states of mind are carried over into machines**; of how human beings are to be brought into relation with an **environment which *must become increasingly mechanized.***”
- – *The Wrong and Right Use of Esoteric Knowledge*, lecture 3, 25Nov1917, Dornach, GA 178



# Merging Man and Machine



- “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

# Control of Prosthetic Limbs with EMG Sensors

electromyogram sensors, ultrasound signals, and machine learning



<https://youtu.be/HjW1kIt5iQg>

# We Anthroposophists Must Oppose; *right?*

- “In deed and in truth, this demon-magic is **progress**, and the Earth will yet undergo more and more of such advances.
  - Man will succeed in unfolding mighty effects into the cosmic spaces.
- It is not a question of abolition — not even of hostile criticism — for it goes without saying, these things are **justified**.
- Yet, if on the one hand, these things must emerge in the progress of mankind, it is indeed a **question** on the other hand of our **creating counter-forces** to bring about the necessary **balance**. Compensating forces must be created, and that can only be when humanity understands once more the **principle of Christ** and finds the way to Christ.”

*The Relation of Man to the Hierarchies, 26 Nov 1916, Dornach, GA 172*

# Loosening The Etheric From Physical



- When one uses the physical body one also sets the corresponding part of the etheric body in motion
  - For an **esoteric**, this connection should become **looser**
- When one meditates, one creates a kind of a “forebone” in his etheric body (like the backbone of the physical)
  - The row of lotus flowers that lies behind the breastbone
  - Moral uprightiness in the etheric body
- Through meditation, the etheric body gets the tendency **to become separated** from the physical body
- *Esoteric Lessons* Part II: Berlin, 20Dec1910, GA 266

# Loosening The Etheric Via Diet

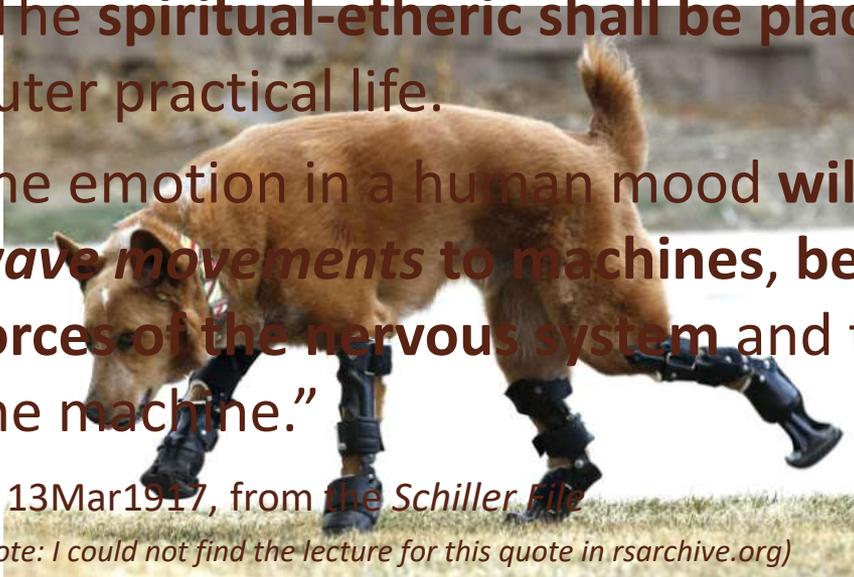


- Intensifying this through a suitable diet
  - Diet can give the physical body the tendency to push out the etheric body
  - Brings about the wrong thing if esoteric exercises aren't added
  - If physical body ejects the etheric without developed etheric sense organs
  - Then it's like a blind man, and it only sees its own daydreams
- While a man's sheaths undergo a change in this way, his connection with the macrocosm also changes
  - This connection must be cultivated in the right way, otherwise disasters occur in the whole world, and not just in man
    - Uttering a sacred, unspeakable name in an unsuitable group: would conjure up something worse than earthquakes and volcanic eruptions over the region
  - How the Rosicrucian verse is spoken, namely with or without the name that's just pseudonym for the highest spiritual being
    - Only the latter way of speaking the verse is an esoteric one
- *Esoteric Lessons* Part II: Berlin, 20Dec1910, GA 266

# Linking the Etheric to the Robotic

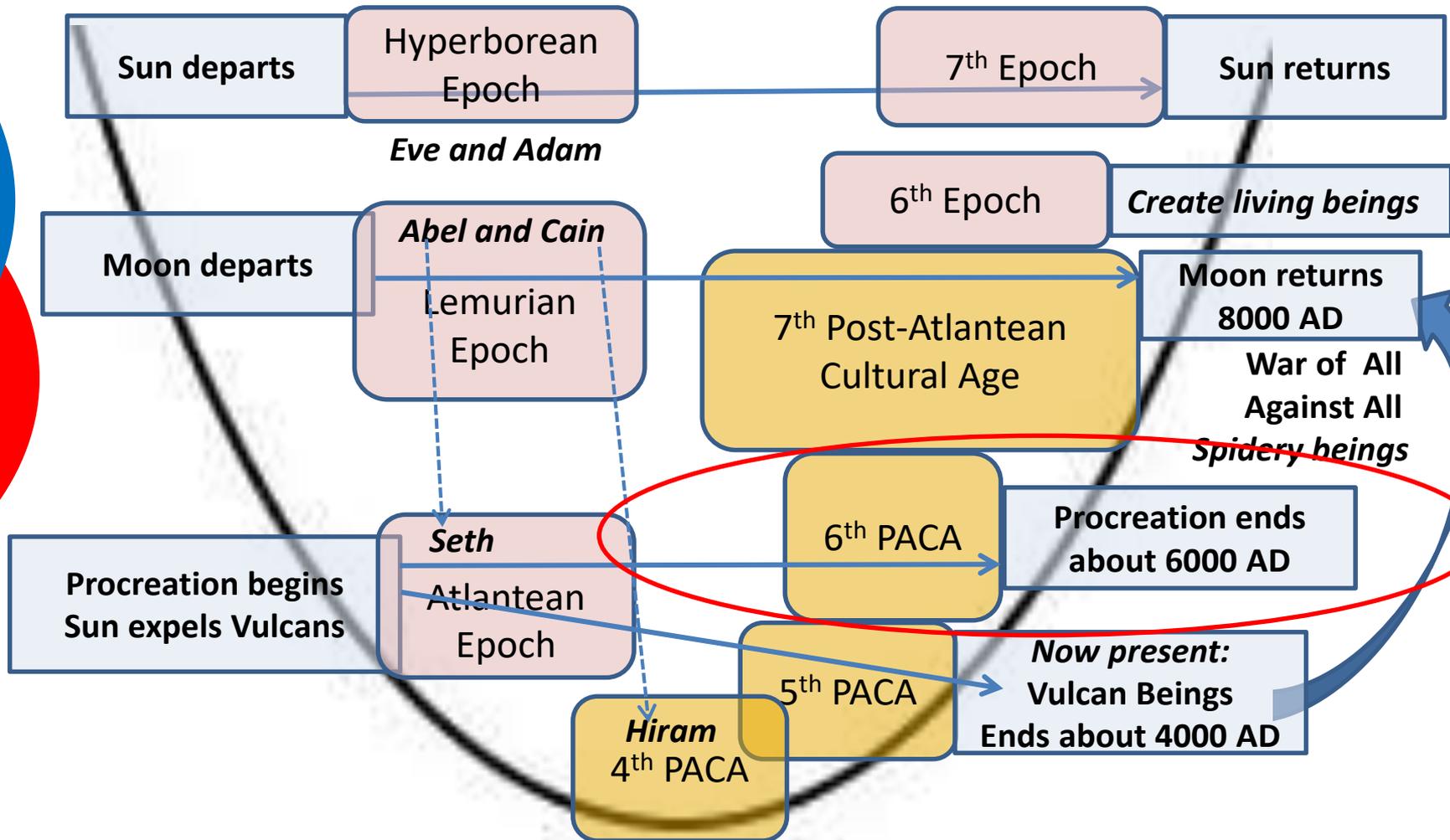
- “Is not Animal Motion perform’d by the Vibrations of this Medium [etheric body], excited in the Brain by the power of the Will...?” – *Isaac Newton*
- “The spiritual-etheric shall be placed in the service of outer practical life.”
- The emotion in a human mood **will be transmitted in wave movements to machines, between the dying forces of the nervous system and the external power of the machine.”**

– 13Mar1917, from the *Schiller File*  
(note: I could not find the lecture for this quote in rsarchive.org)



# Our Lowest Member: Etheric by 6000 AD

*Not to scale*

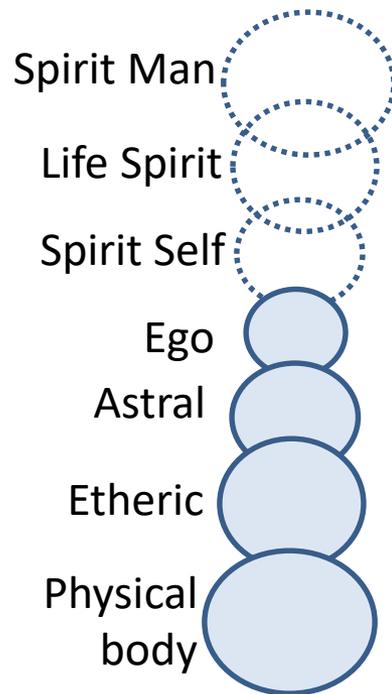


# Transition Time

How do we get from

Here

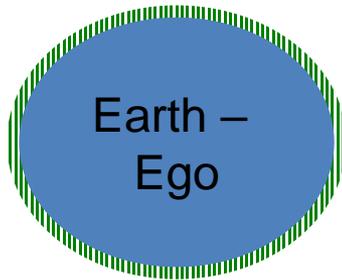
to HERE?



What happens to the Temple?  
Housing for The Three

Isn't this an angel?

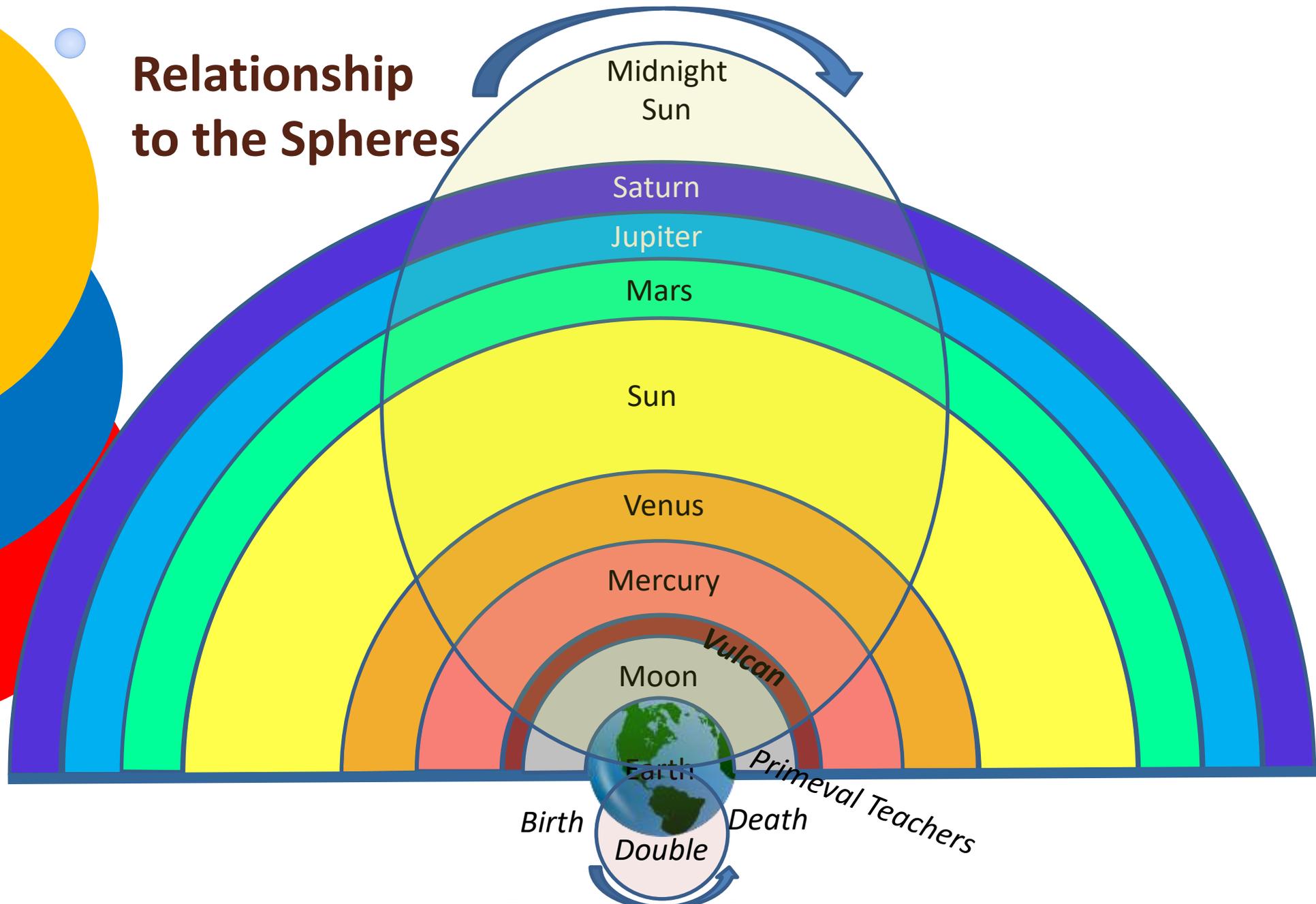
# Vulcans During Earth Evolution



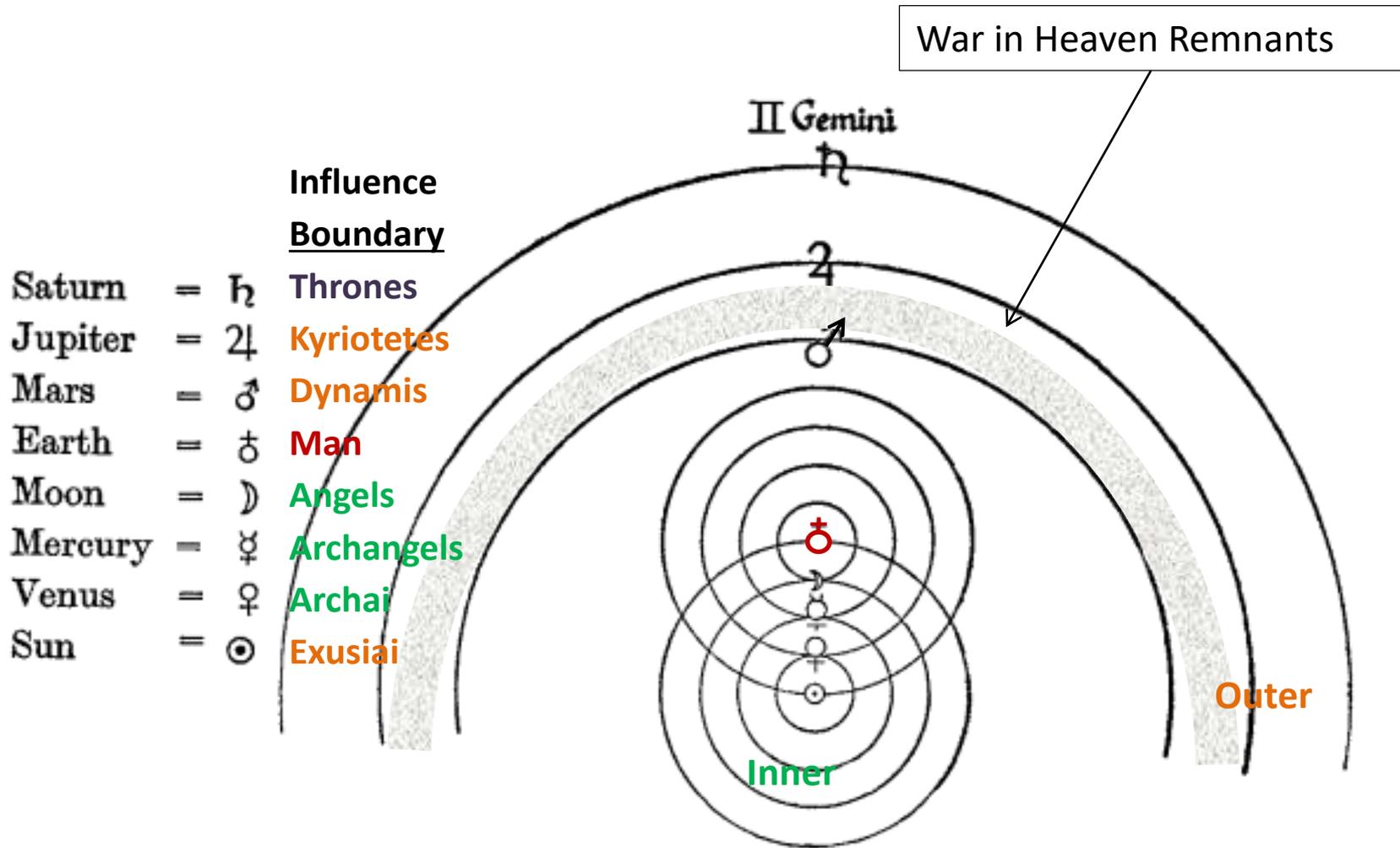
- **Exusiai** sacrificed their substance
- **Earth-Water-Air-Fire-Light-Chem-Life**
- Via traversals of the zodiac
  - Love and Freedom
- **We** are now on the human stage
- How are the Vulcans related to us?

*Earth recapitulates prior planetary conditions*

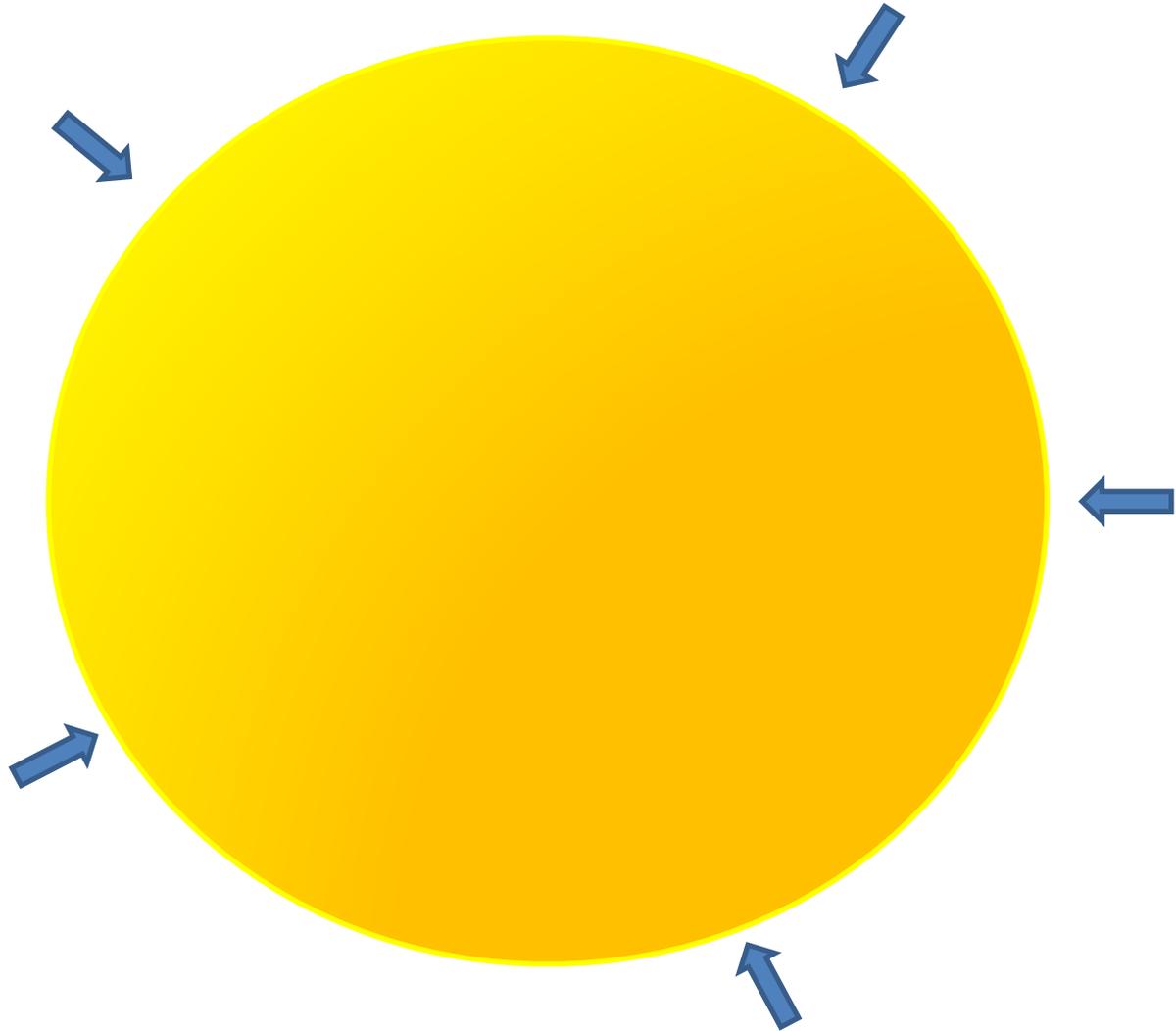
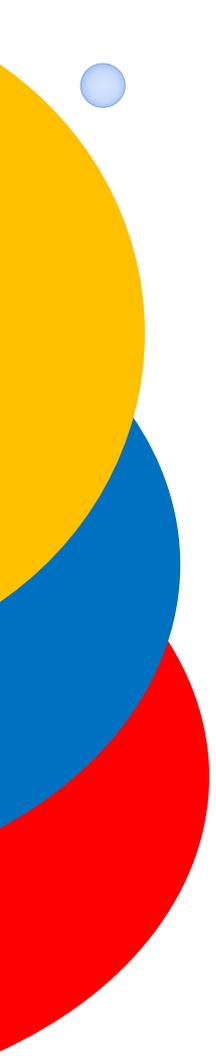
# Relationship to the Spheres



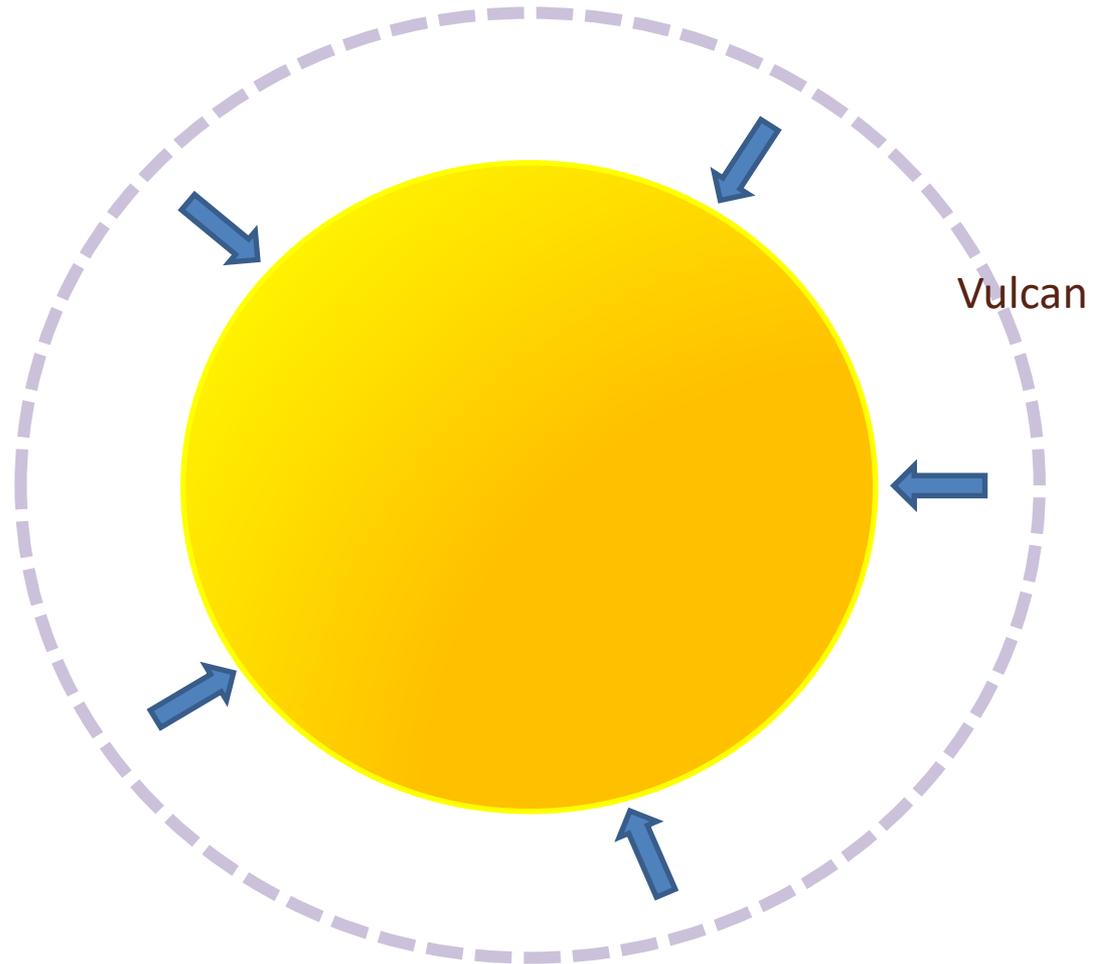
# Earth's Cosmic Evolution



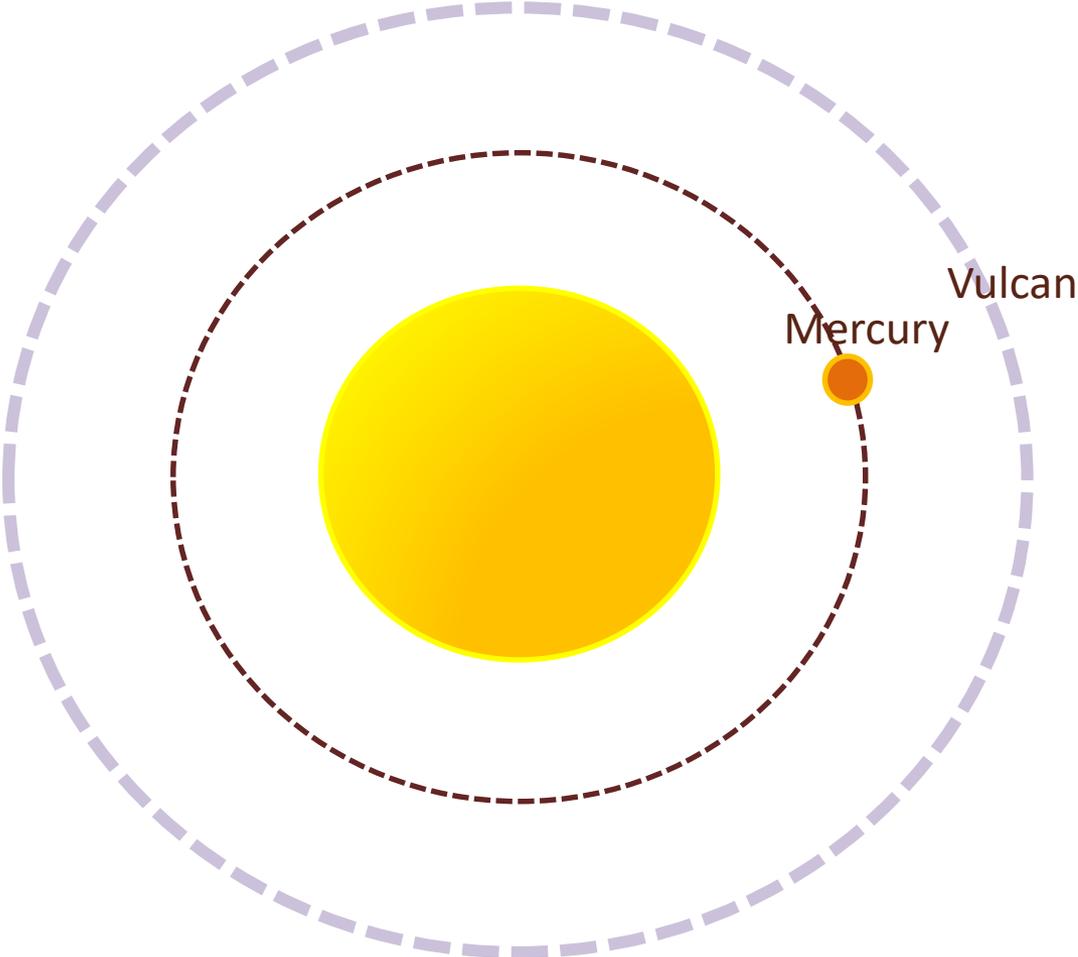
# Evolution of the Sun After Withdrawal



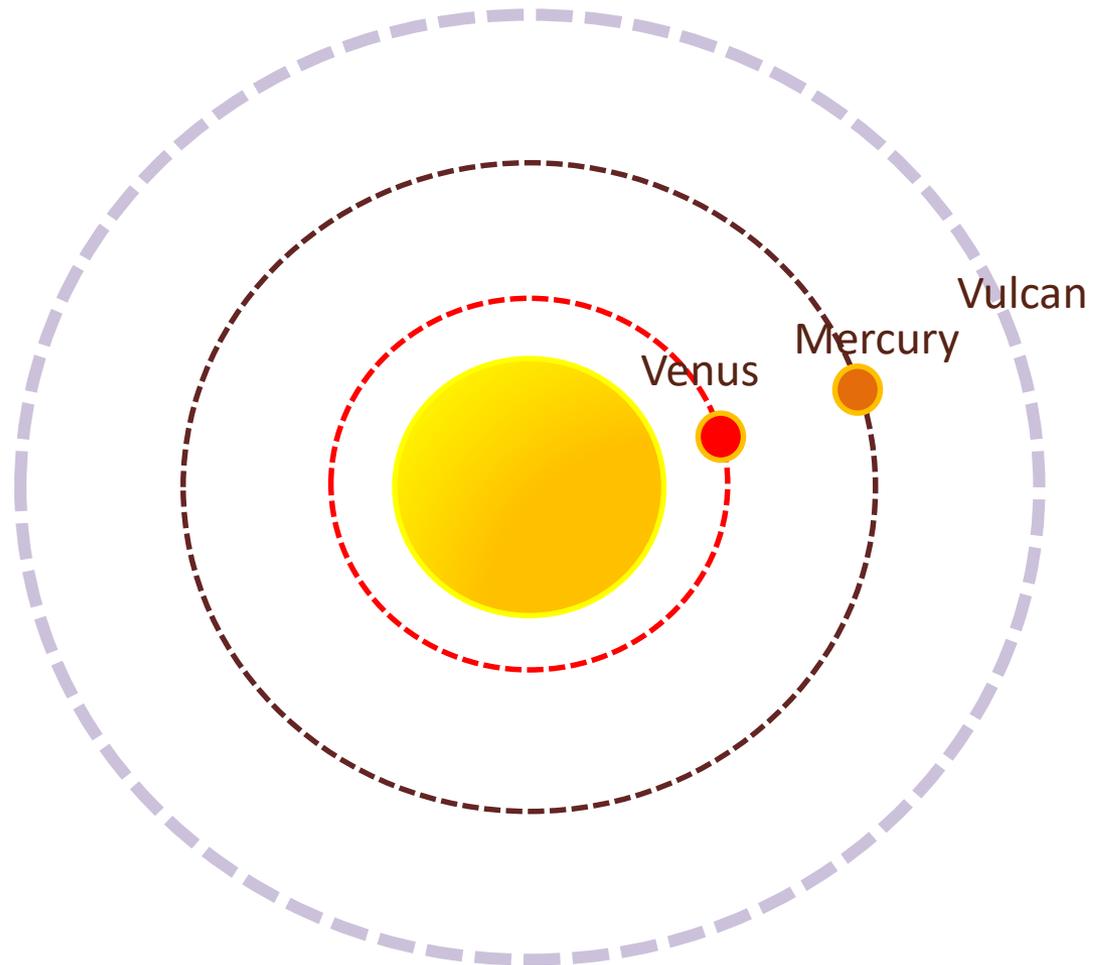
# Expulsion of the Vulcans - homeless



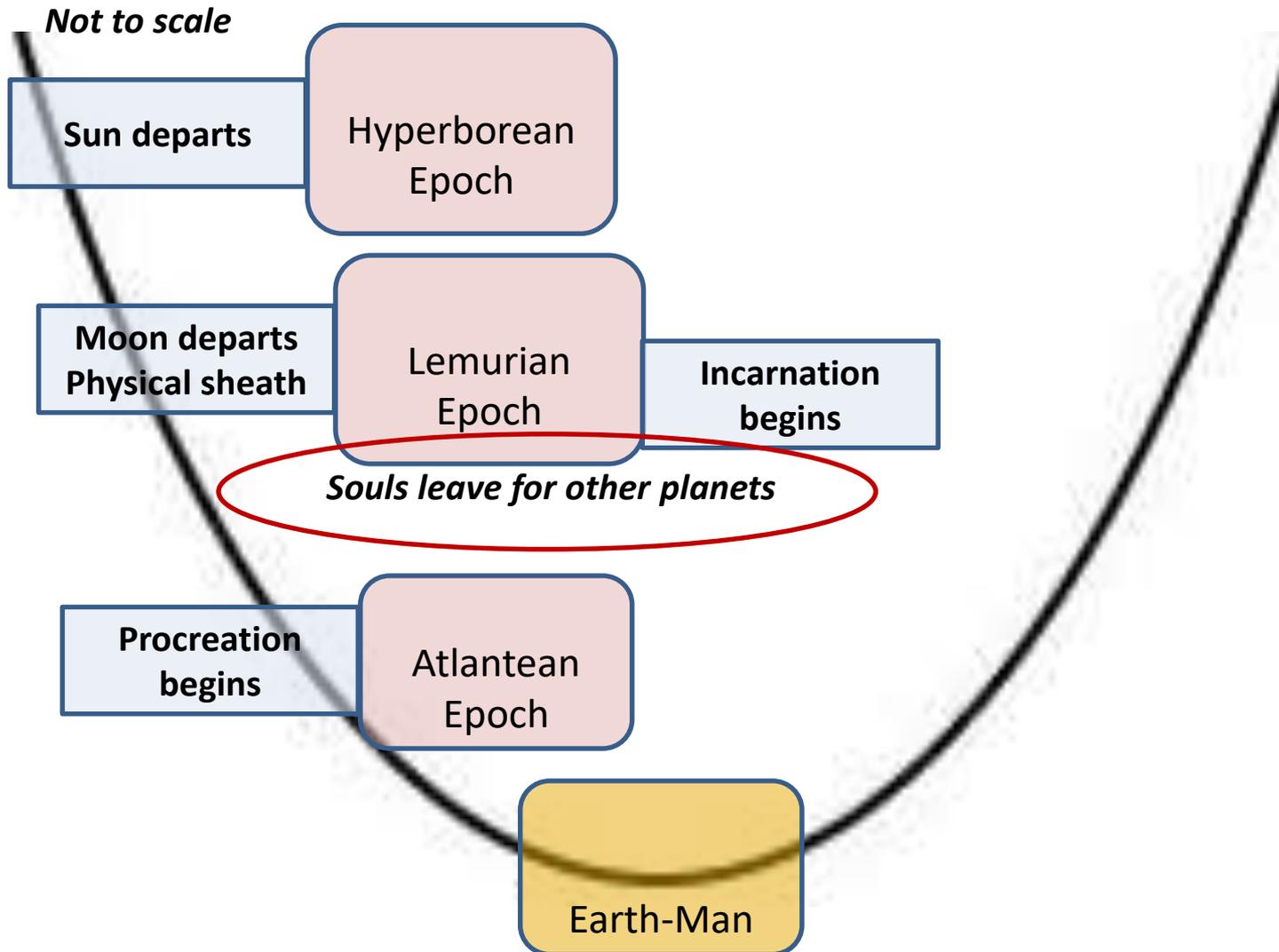
# Expulsion of Mercury



# Expulsion of Venus



# Evolution of Mankind During the Great Epochs



# Humans Leave the Earth, Later Return

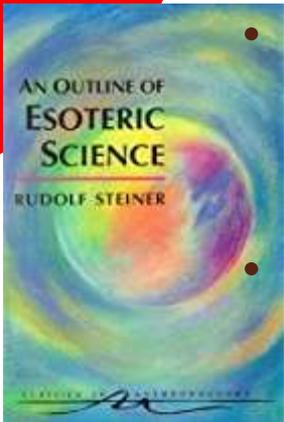


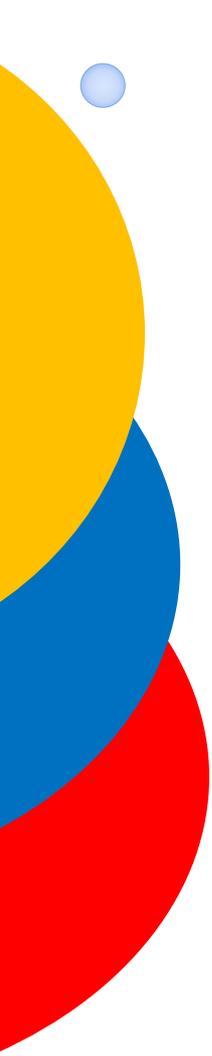
- [*Occult Science*] Human souls left the earth (during Lemurian and Atlantean) for other planets and better conditions
  - Mars, Jupiter and the other planets: source of oracles
- All men returned to earth from other planets by 1879
- 1880 on: beings from cosmic regions can enter **into relation with man *on the earth***
  - Since 1880, **Vulcan beings** *descend into earthly evolution*
  - They are the **first, super-earthly beings** to bring messages
  - *To them we owe content of our Spiritual Science*

*Evolution of Human Freedom and Personal Consciousness, Dusseldorf, 19Jan1905 (no GA)*

# Vulcans and the Vulcan Oracle from *Occult Science*

- Human individuals who were affected most by **Luciferic** influence were able to reach up only to a certain being (and associates) who had been the earliest to be **expelled from the sun** development
  - Hence the myth of Hephaestus/Vulcan being thrown off Olympus
- This being has not a special planet in the cosmos, but lives in the **environment** of the **earth** itself, with which he has been again **united since his return from the sun**
- The human beings to whom this being manifested himself as **higher ego** [during Atlantis] may be called members of the “Vulcan oracle”
- Their eyes were turned more toward **earth phenomena** than was the case with the other initiates
  - The Mercury and Venus initiates laid the basis for the knowledge of the more supersensory things
- Vulcans laid the first **foundation** for what appeared later on among human beings as “**science**” and “**art**” [compare to Prometheus]





# Atlantean Initiates

## Vulcan, Mercury and Venus

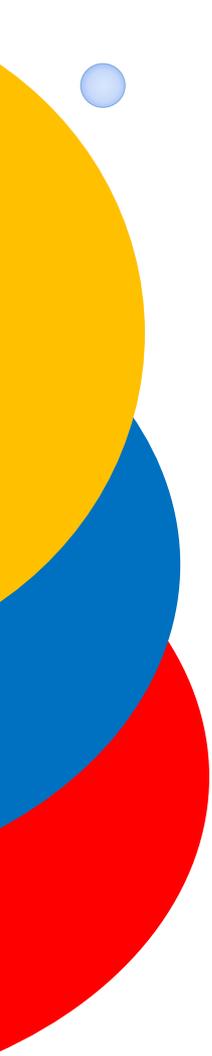
- Received knowledge in the form of thoughts and ideas that **were their own**
- Communicated in the form of **ideas and thought-pictures**

## Saturn, Jupiter and Mars

- Received their secrets as a revelation **from above**
- Expressed themselves in **symbolic pictures**

## The Christ-Initiates

- Stood between the two
- Faculty to clothe their secrets in the form of human concepts

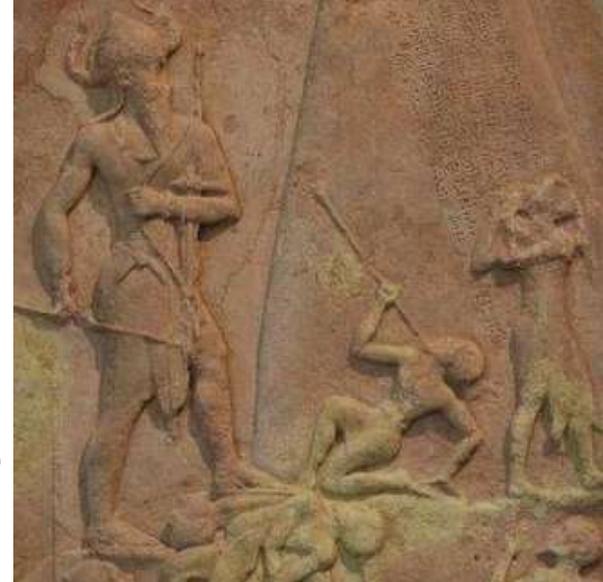


# Atlantean Betrayal of the Vulcan Mysteries

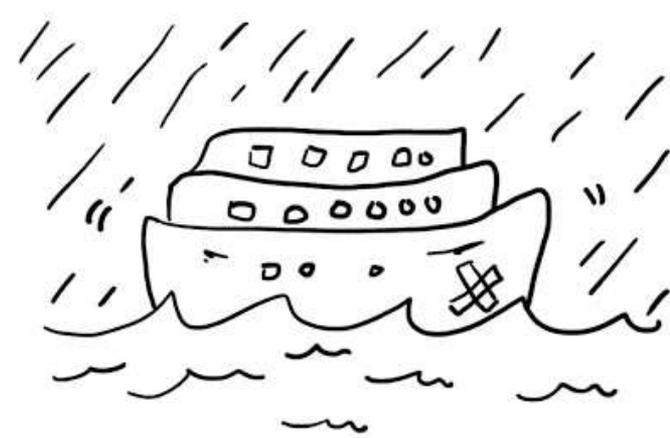
- “The **betrayal of the Vulcan mysteries** exercised an **especially adverse** influence, because the attention of their adherents was chiefly **directed toward earthly matters**.
- Mankind, **through this betrayal**, was made **dependent** upon spiritual beings who, in consequence of their previous development, held a **negative attitude** toward everything that came from the **spiritual world**, which had evolved through the separation of the Earth from the sun.
- According to the capacity thus developed, they acted in the element that was formed in the human being through his having **perceptions of the sense world**, behind which the spirit is **concealed**. ”
- -- *An Outline of Occult Science*, Chapter IV, The Evolution Of The Cosmos And Man

# Giants, Nephilim, Rahkshasas

- “These beings acquired henceforth a **great influence** over many human inhabitants of the earth, and this influence made itself evident through the fact that the human being was more and more **deprived of the feeling for the spirit**.
- Since in these times the **size, form and flexibility** of the human physical body was still affected to a large degree by the **qualities of the soul**, the consequence of this betrayal of the mysteries came to light in **changes in the human race** in this respect also.
- Where the corruption of the human beings became especially evident through the placing of **supersensible forces** at the service of lower impulses, desires, and passions, **grotesque human shapes** were created, **monstrous in size** and structure.
- These were not able to continue in existence beyond the Atlantean period. They died out” [stories of giants as lacking intelligence?]
- -- *An Outline of Occult Science*, Chapter IV, The Evolution Of The Cosmos And Man



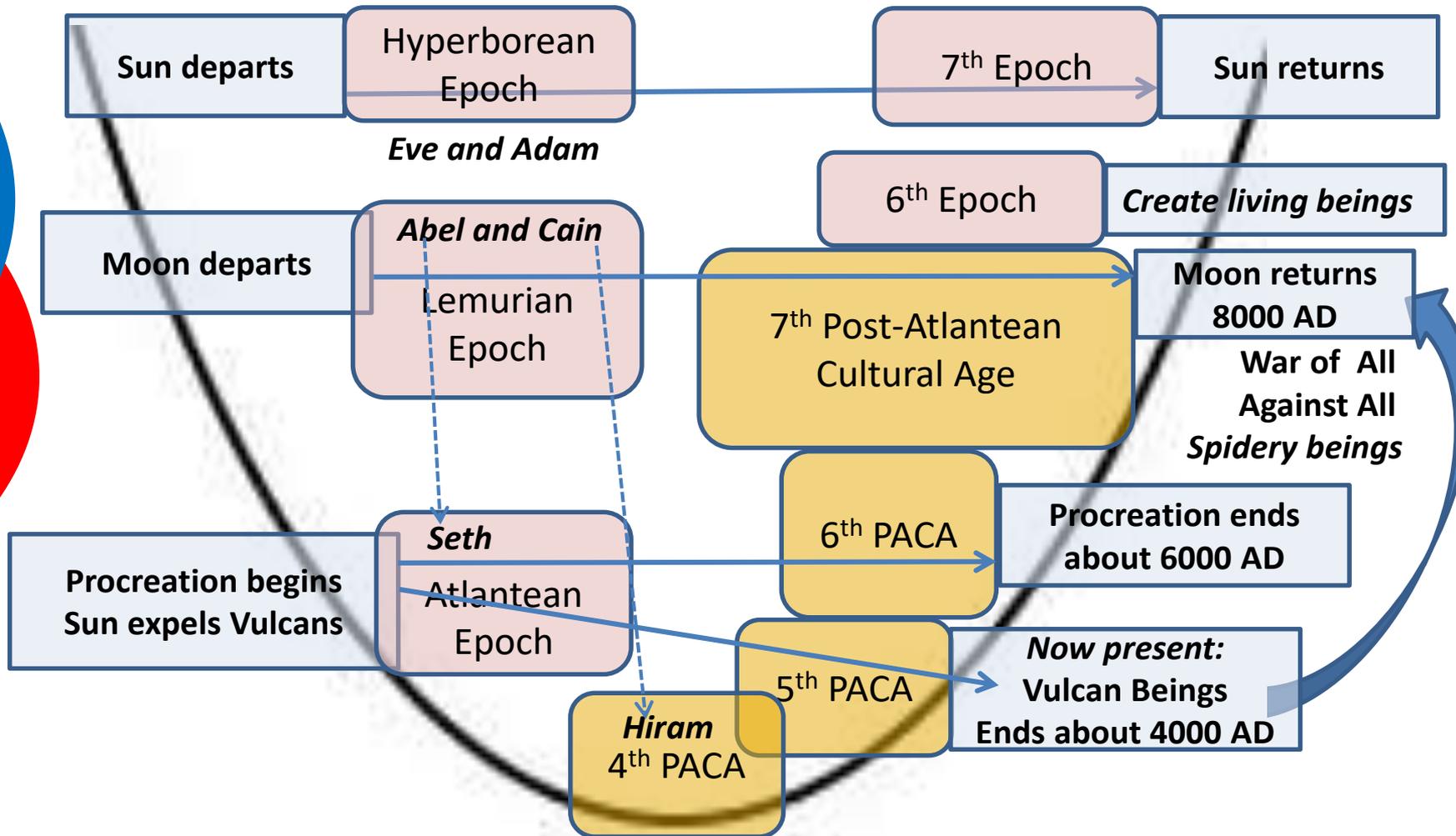
# Following the Atlantean Catastrophe



- Adherents of the **Vulcan Mysteries** had their attention concentrated upon **things of the Earth**
- During the catastrophe, the whole face of the Earth changed
  - Europe, Asia and Africa on the one hand, and America on the other, began gradually to assume their present shape
  - **Vast numbers of human beings migrated** into these countries
    - Colonized by descendants of the Atlanteans
  - **Peoples stood at many different levels of evolution** and corruption
  - In their midst went the Initiates, the Guardians of the Oracles
  - In various regions the **Initiates established holy places** where the services of Jupiter, Venus, etc. were cultivated in a **good — or in an evil —** sense

# Coming PACAs and Great Epochs

*Not to scale*



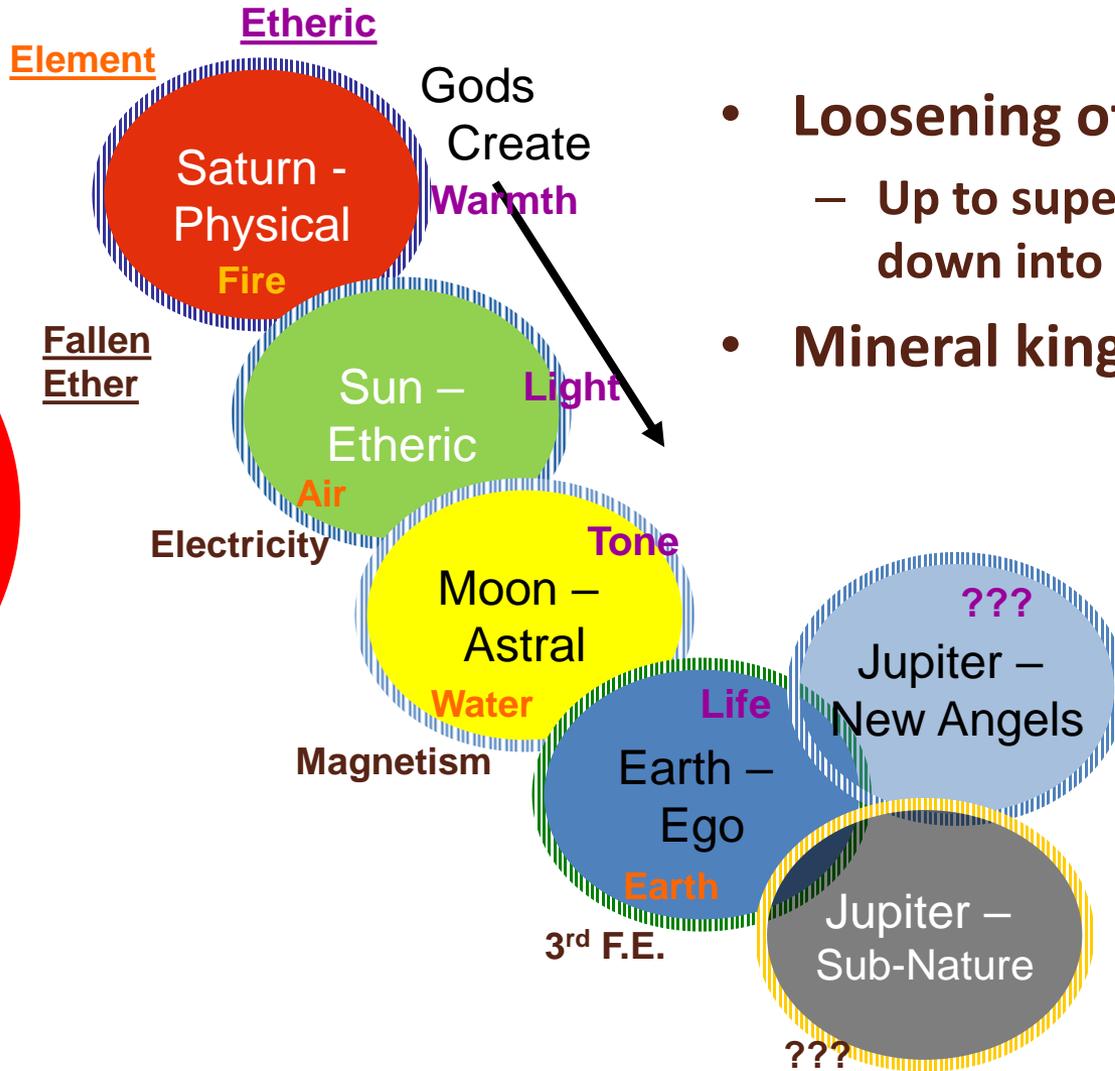
# Future (~8000 AD) Spider Beings



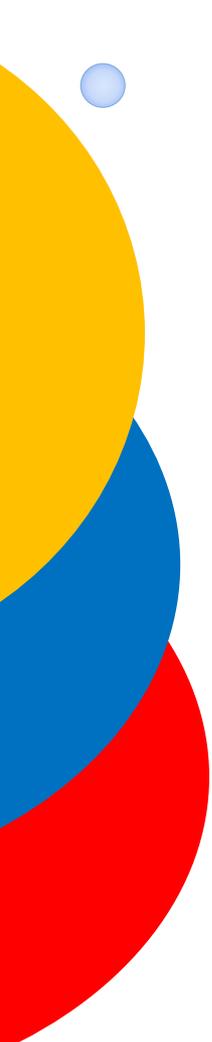
- Isn't it harmless to elaborate only automatic, lifeless thoughts?
  - Full human cannot come to expression with only this form of intellect
  - Now possible for the men to develop an automatic form of intellect
- From the earth there will spring forth a terrible brood of automata
  - Existence lying between the mineral and the plant kingdoms
  - Possessed of an overwhelming power of intellect
- This swarm will seize upon the earth, will spread over the earth like a network of ghastly, spider-like creatures interlocked with one another
- In their outward movements they will imitate the shadowy intellect that has not been quickened by the new form of Imaginative Knowledge
  - All thoughts that lack substance and reality will be endowed with being
- Choice of uniting with:
  1. Beings who have been descending since the 1880s, or
  2. Brood of half-mineral, half-plantlike creatures
    - Unites one's cosmic existence with this brood and what it will then enter
  - *A Picture of Earth-Evolution in the Future*, Dornach, 13May1921, GA 204



# Preparations for the Next Cosmic Stage of the Human Condition Has Already Begun



- **Loosening of etheric body:**
  - Up to super-nature balanced by down into sub-nature
- **Mineral kingdom dissolves away**



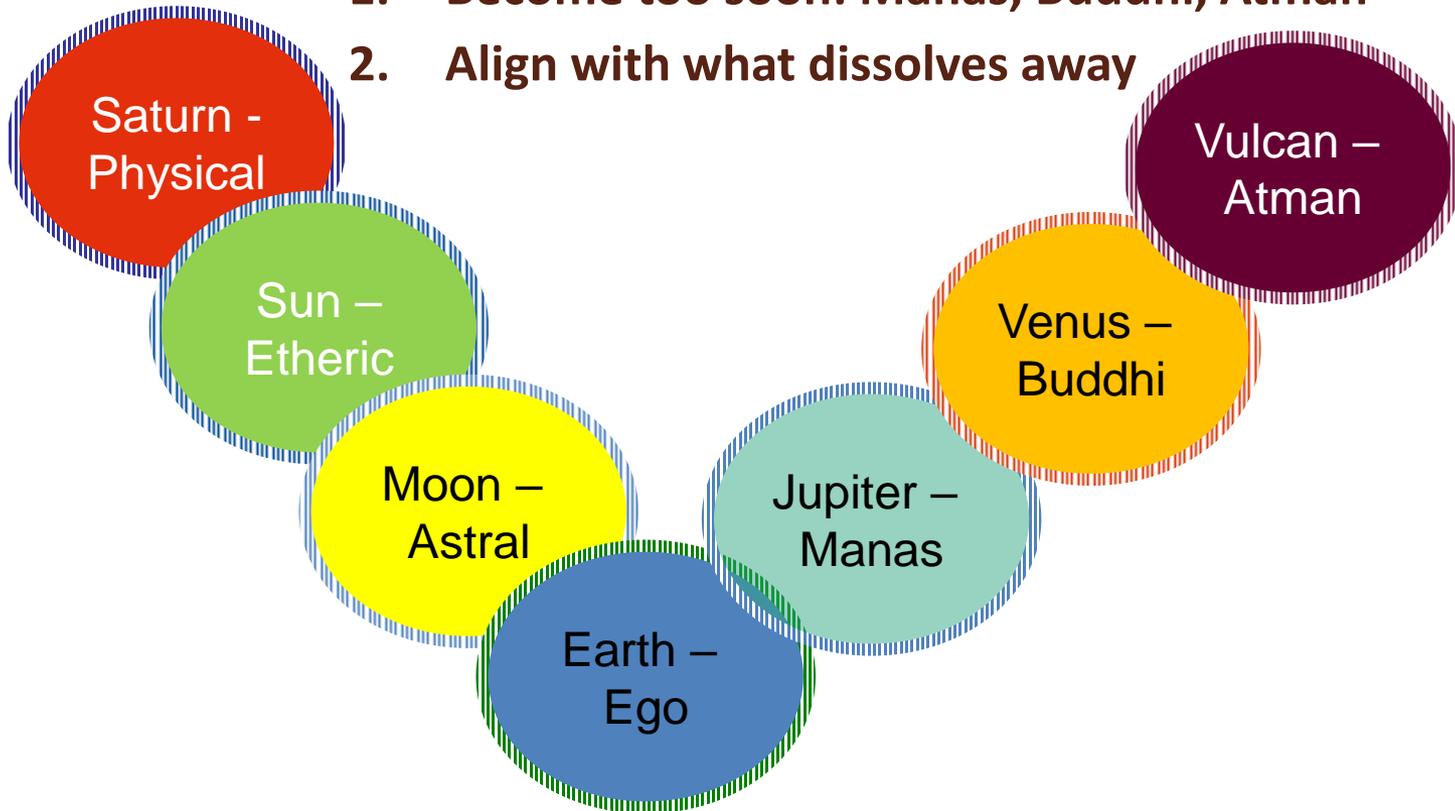
# Becoming Jupiter Men

- “For we shall only become Jupiter-men if we **unite physical heat with soul-heat** [where? Etheric? Astral?]
  - [Vulcan – Promethean fire, the fire given to Man]
- As Jupiter-men we shall come to this, if we caress in love a human being, or it may be a child, we shall be to that child at the same time an actual pourer-forth of heat.
- To pour forth love and heat will not be separated as now, we shall actually come to this that we shall pour forth from our souls into our surroundings the heat we experience.” -- *Mystery Centres*, lecture 9, 9Dec1923, GA232
  - Where a human today experiences wisdom in the world, the Jupiter-human will experience love.

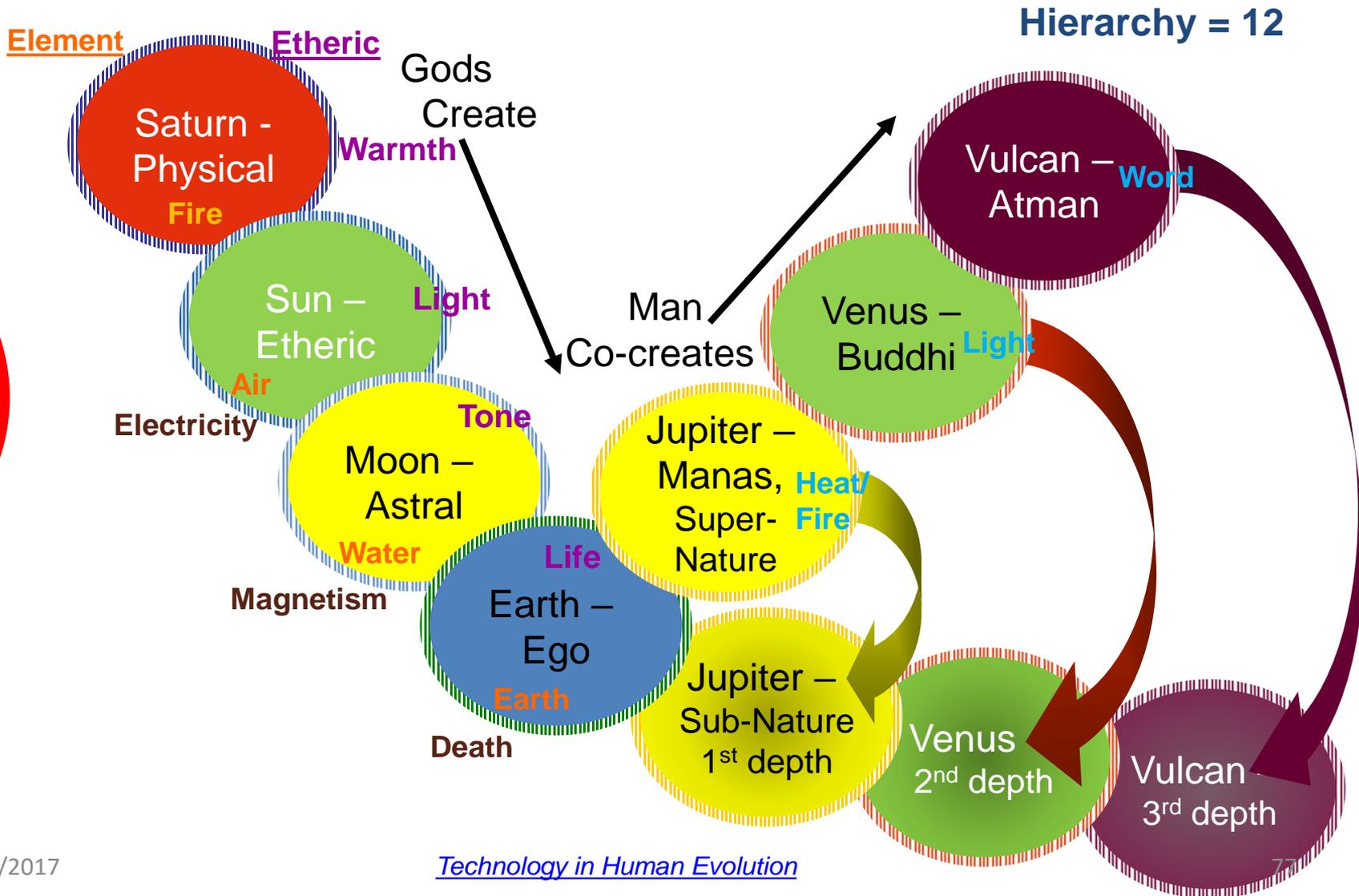
# Cosmic Evolution

## Human Temptations

1. Become too soon: Manas, Buddhi, Atman
2. Align with what dissolves away



# 7 Stages of Human Condition





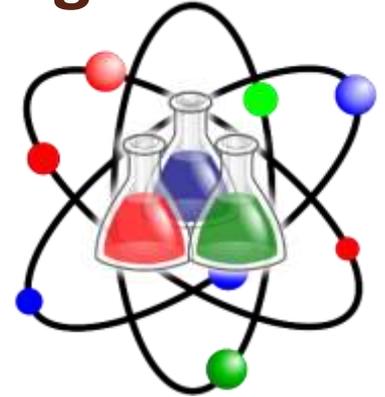
# HOW TO PARTNER WITH THE VULCANS



## A Meditation Practice

# Obstacle: Ahriman's Body of Knowledge

- Is regarded today as science
  - Yet leads us on towards earthly destruction
- Our shadowy intellect
  - Prevents us from entering the sphere that Beings from beyond the earth are trying to place within our reach
  - Will unite with those spidery-beings
  - *Might AI be a way for us to become emancipated from this?*
- Art which is at the same time science
  - e.g. the long bones of the prior life are transformed into the head bones in the subsequent life



*A Picture of Earth-Evolution in the Future, Dornach, 13May1921, GA 204*

# Right Attitude Toward Ahriman

- “Man is guided and led by Beings higher than himself.
  - He can come to a knowledge of these higher Beings, they have their influence upon him.” -- Christiania, 12Jun1912
- “It is essential for the favorable effect of what Ahriman will bring to humanity —**he will bring beneficial gifts** too, just as Lucifer did— that we take the right attitude.
- The all important thing is that we do not sleep through Ahriman’s arrival and fail to perceive it.”  
-- Stuttgart, 28Dec1919



# Enliven Our Dead Thinking



- What is this shadowy intellect?
  - It cannot understand the real nature and being of man.
  - Shadowy human intellect capable of understanding only the mineral world
  - Plant life remains enigmatical; still more so the life of the animal
  - Human life is altogether beyond the grasp of the human mind
- Spiritual Science is able to impart a living wisdom
  - It must be **received into** our shadowy, intellectual concepts and thoughts
  - Even when applied to the plant kingdom, **science must become a form of art**, and still more so in the case of the animal kingdom
  - The shadowy intellect must be **transformed** into a living, spiritual comprehension of the world
  - Only so can the shadow-pictures of the intellect be **quicken to life**
- This quickening to life of the shadow-pictures of the intellect is not only a human but a cosmic event
- *A Picture of Earth-Evolution in the Future*, Dornach, 13May1921, GA 204

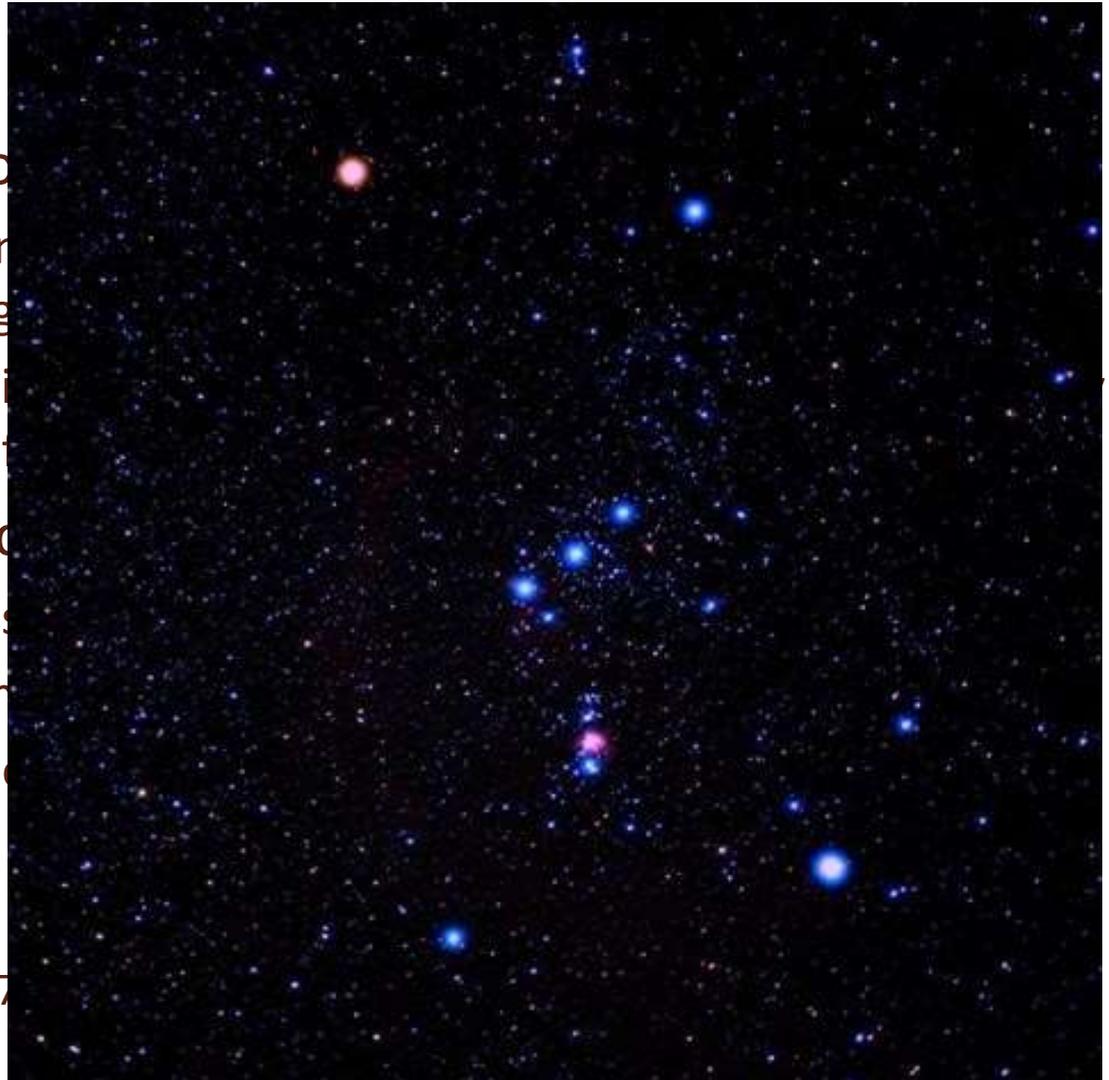
# Meditation and the Senses

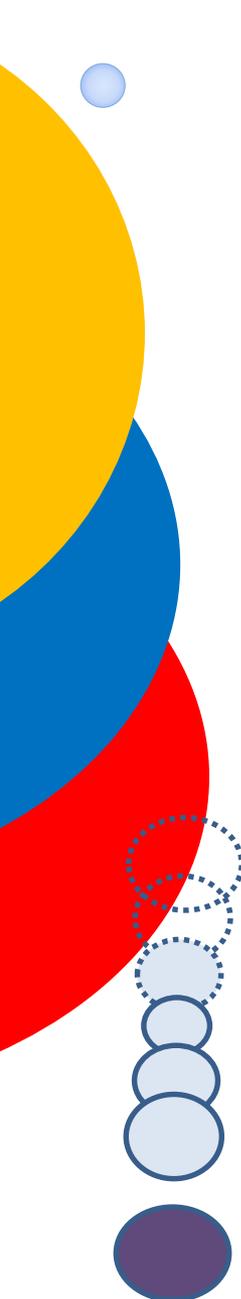
- By strengthening thinking, energetic meditation, the astral body and ego approach the **etheric body** - the beginning of initiation
- One slips down into the etheric body but is not yet able to take hold of the physical body; one remains in the etheric body
  - In this condition it is possible to think very, very well
  - One sees nothing, hears nothing, but one can think very well
  - Seeing, hearing and the other sense activities are suppressed
- One can think such **thoughts about the macrocosm** – thinking becomes wider
- One knows clearly; 'now I am in the etheric world'
- 'I am in the spiritual world out of which the sense world comes'
  - Not able to differentiate between spiritual world and sense world
  - The sun no longer shines, the stars no longer shine, there is no moonlight
  - There is no longer a clear distinction between the kingdoms of nature on the earth
  - *Broken Vessels* [aka *Pastoral Medicine*], lecture 8, 15Sep1924, Dornach, GA 318



# How to Build a Partnership with Vulcans

- Preparation work
  - Mankind will need more understanding
  - Our shadowy past is the pictures of
- Build the 3-Fold
  - 1. Dome (fixed stars)
  - 2. Walls (sun, moon)
  - 3. Foundation (planets)
- Their presence
- References: *Temple of St. John* lectures 7





# Goal of Anthroposophy and the Etheric Body

- “anthroposophy will increasingly clarify the Christ-Impulse for mankind, thereby **imbuing the etheric body with ever more life** — with such a wealth of it, in fact, that the etheric body will be able to **restore flexibility to that rigid portion of the brain** which is responsible for the present trend of **scientific thinking**.
- That is an illustration of the manner in which the Christ-Impulse, having in time laid hold on mankind, will **reanimate the dying** members of the body.
- The future of the race would see the **withering of more and more members**; but the **flowing in of the Christ-Impulse will increase proportionately with the dwindling of each part**
- By the end of the Earth evolution **all the parts** that would otherwise have perished **will be revived** by the Christ-Impulse, which will have saturated the whole etheric body: **the human etheric body will have become one with the Christ-Impulse.**”

-- *The Gospel of St. John*, lecture 12, 5Jul1909, Kassel, GA 112

# The Lost Word

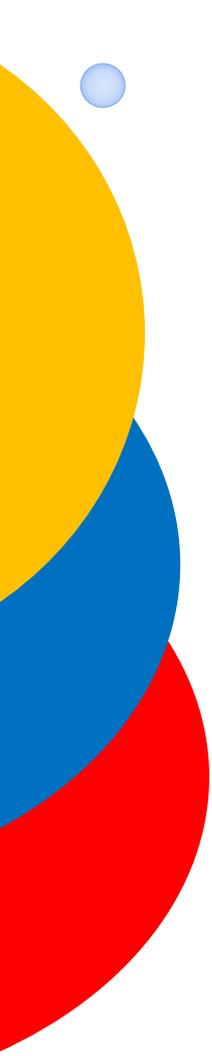
- When the Sun separated from the Earth, the Word was entombed in the Earth
- Man will raise this Word from the lifeless but first the spirit must live in him to enable the Word to sound
- This is the mystery of Pentecost, the tongues of fire
- Man then becomes a messenger of the Godhead, proclaiming the inner Word out of his own free will



# Summary



- We must learn to work with the Vulcans
  - For the rest of Post-Atlantean Cultural Ages
  - Content of Spiritual Science comes from them
- Loosening of the etheric – Christ in the etheric leads
  - As physical body withers away, etheric body takes its place
  - Physical incarnation coming to an end: 4000 to 6000 AD
  - Humanity needs technology to bridge 6000 to 8000 AD
- The Ahrimanic obstacles will be transformed
  - Vulcans' evolution requires for them to now participate on earth
    - Ahriman must have his incarnation: good for our evolution
  - Technology takes on the lifeless, even in thinking
    - Frees us to develop Imagination and living thinking
  - This will lead to endowing life in our creations (with love)

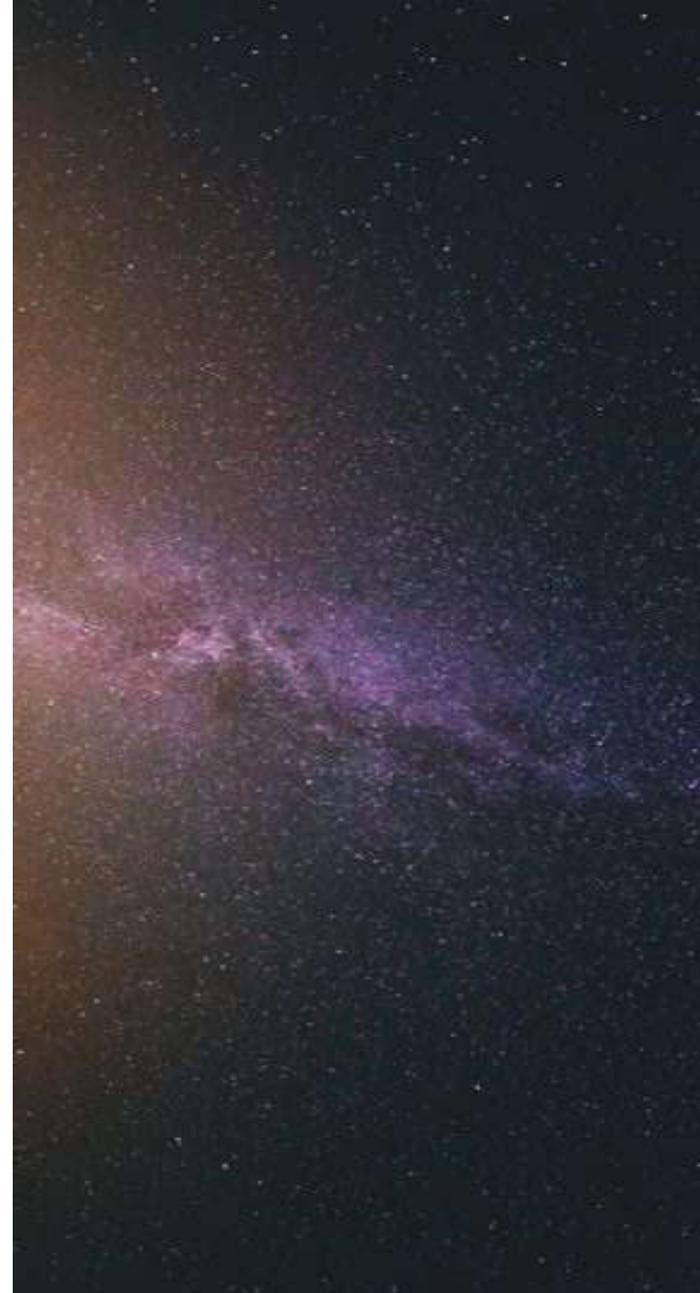


# The Stars Once Spoke to Man

The Stars once spoke to Man.  
It is World-destiny  
That they are silent now.  
To be aware of the silence  
Can become pain for earthly Man.

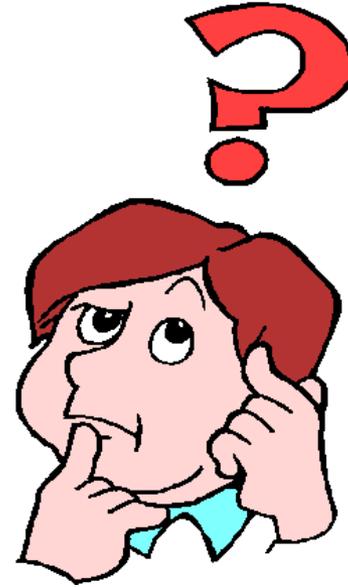
But in the deepening silence  
There grows and ripens  
What Man speaks to the Stars.  
To be aware of the speaking  
Can become strength for Spirit-Man.

Rudolf Steiner





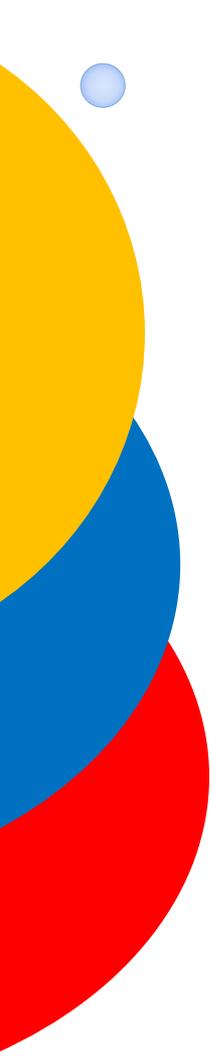
## Q&A



**“Man’s history shows that every kind of labor becomes detached from feeling and from the human soul – and changes into a soulless thing, the more the spirit learns to master forces which it can find within the senses’ realm. Each day productive work grows more mechanical – and so does life itself.”**[Strader, *The Guardian of the Threshold*, Scene 1] -- R. Steiner, *Mystery Dramas*



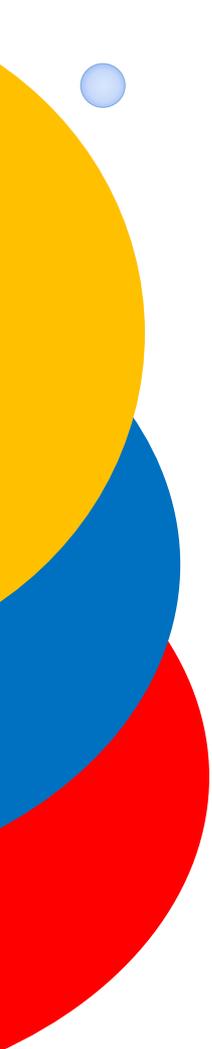
# EXTRA MATERIAL



# Rudolf Steiner References

More Rudolf Steiner material can be found online at [www.rsarchive.org](http://www.rsarchive.org)

1. The Temple Legend
2. Three Streams in the Evolution of Mankind
3. Anthroposophical Leading Thoughts
4. The Influences of Lucifer and Ahriman
5. The Karma of Vocation
6. The Karma of Materialism
7. The Karma of Untruthfulness
8. Materialism and the Task of Anthroposophy
9. Colour
10. Boundaries of Natural Science
11. Secret Brotherhoods
12. The Fall of the Spirits of Darkness
13. The Work of the Angels in Man's Astral Body
14. The Apocalypse of St. John
15. The Evolution of Consciousness
16. A Picture of Earth-Evolution in the Future
17. The Wrong and Right Use of Esoteric Knowledge
18. Geographic Medicine
19. Man as Symphony of the Creative Word



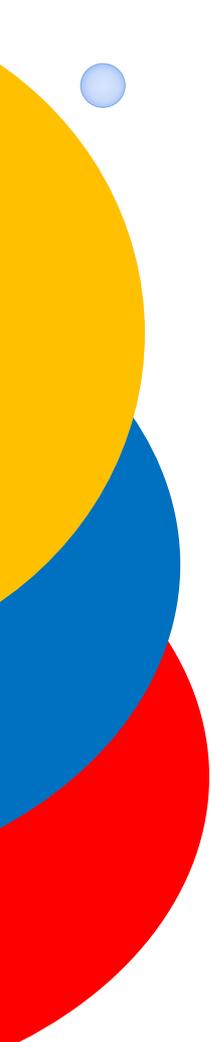
# References

1. Greyson, Bruce, *The Handbook of Near-Death Experiences*: Praeger Publishers, 2009
2. Jaynes, Julian, *The Origin of Consciousness in the Breakdown of the Bicameral Mind*: Houghton Mifflin, 1976
3. Lanza, Robert, *Biocentrism: How Life and Consciousness are the Keys*: BenBella Books, 2010
4. Laszlo, Ervin, *The Immortal Mind: Science and the Continuity of Consciousness beyond the Brain: Inner Traditions*, 2014
5. Lockley, Martin, *How Humanity Came Into Being, The Evolution of Consciousness*, Floris Books, 2010
6. Rosenblum, Bruce, *Quantum Enigma: Physics Encounters Consciousness*: Oxford University Press, 2011
7. Francis, Keith, *Rudolf Steiner and the Atom*, Adonis Press
8. Shelley, Mary, *Frankenstein, or the Modern Prometheus*, 1818
9. Welburn, Andrew, *The Mysteries*, Floris Books, 1997
10. <http://www.theoi.com/Ther/Automotones.html> for information about the automatons of Hephaestus

# Recommendations

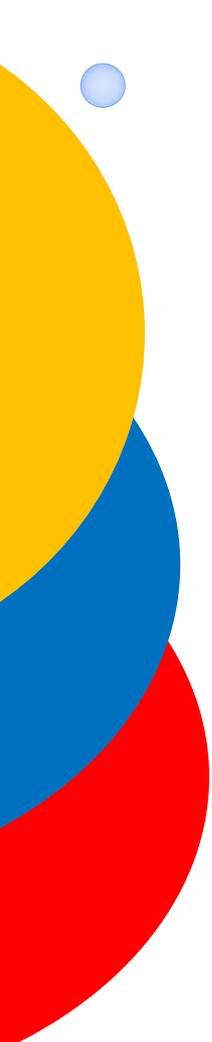
*Products mentioned are neither endorsed nor tested for efficacy*

- 1. Movement:** Get up twice per hour – get tea, go chat
  - Stand, don't sit for more than 5 hours per day
- 2. Eyes:** Place screen near window – look outside often
  - 20-20-20 rule
  - Go everyday, same time, for a long walk, **10K steps/day**
- 3. Know your home's EMR** and its sources
  - iPhone [app](#) (*Fallen Angel Creations*)
- 4. Shut down at night** (turn off power esp. WiFi)
  - And at dinner, make it engaging, sacred
  - No screen time within an hour of bedtime
- 5. Cell and cordless phones** – keep away, use speaker mode, ECO
  - <https://www.safesleevecases.com/> claims 99% effective protection
- 6. Smart meters** - avoid
- 7. Fasting** (weekly), habit changes (monthly), annual blood tests



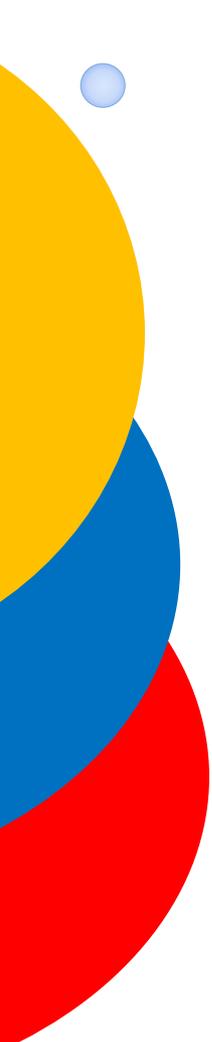
# Some Other Dangers

- Sabotage
- Control (by ego or group-ego)
- Pain of separation (some will 'fall')
- Education
- Health
- Enforcement of status quo (stop evolution)
- Loss of movement (then loss of body)



# MysTech: Mysteries of Technology

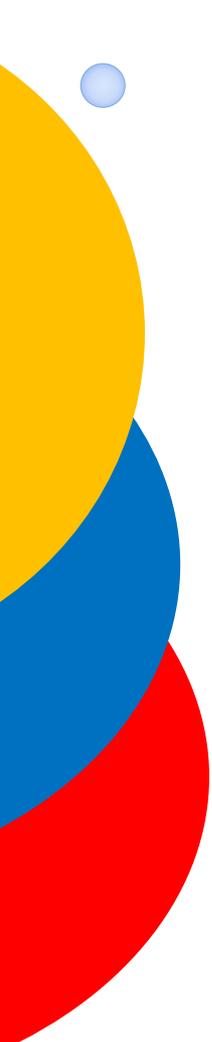
- Currently sponsored by The Center of Anthroposophical Endeavors (CFAE) of Seattle, WA.
  - Started back in 1982 as Friends of Anthroposophy
  - Founded
    - Golden Garden Waldorf School and Seattle Waldorf School
    - Two puppet theaters
  - Hosted hundreds of lectures, workshops, and performances
- MysTech COO, Frank Dauenhauer
  - Graduate of High Mowing, class of 1984
    - First High Mowing class to be introduced to the technology course developed by Andrew Linnell and David Mitchell
  - CFAE board member since 1996
  - Became CFAE Executive Director October of 2016
- Membership to support R&D
  - Moral interface to machines
  - Journal, website, classes



# Coming Destruction of 5<sup>th</sup> PACA

Is it wrong to oppose evil's destiny of destroying life as we know it?

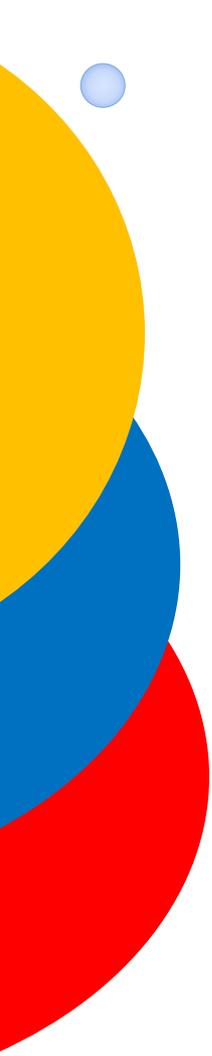
- Were the Rakshasas necessary for evolution to move from Atlantis to Post-Atlantean Ages?
- Was Judas' betrayal necessary?
- Would it be wrong if we were to prevent the War of All Against All?
  - “Until now, the elemental **spirits of birth and death** have been guided by the gods, influence has been limited to the coming into being and passing away of humans at the physical level
  - But the civilization of our own and future ages **has to be** such that these spirits can be **active in technology, industry, commerce, ...**
  - They will also have to become used to the idea that **progress** in civilization will gradually make it **necessary for us to use** the elemental spirits of birth and death
  - And in doing so, humanity will have to live with the fact that a **destructive element becomes part of human evolution**



# Spirits Of Birth And Death

- The elemental spirits of birth and death are **messengers of Ahriman**
- The **iron necessity** of world evolution forces the gods to use Ahriman's messengers to control birth and death
  - When they [the gods] ask the elemental spirits to act on their behalf they do not allow the powers of these messengers to enter the physical world
- But as civilization goes into its decline, from the **5th PACA onwards**, this element has to come in again, so that **catastrophe** may be brought about
- **Human beings must use these powers themselves**
  - **Ahriman's messengers are therefore an iron necessity**
  - **They have to bring about the destruction that will lead to the next step forward in civilization**
- This is a terrible truth, but it is so, and nothing will avail where this truth is concerned but to get to know it and to see it clearly”

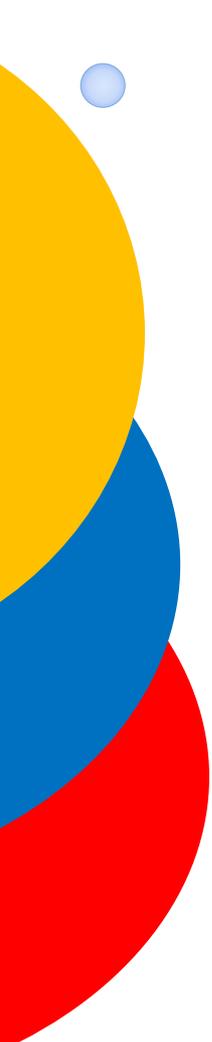
*The Fall of the Spirits of Darkness, lecture 4, 6Oct1917, Dornach, GA 177*



# Must We Merge With Machines?

*“I’d rather not” ... Eric Utne, 2011*

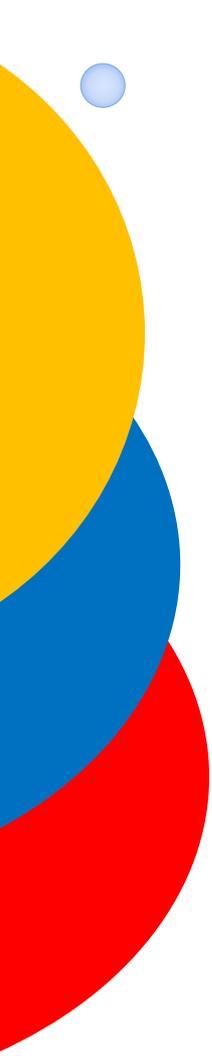
- Google, the company whose maxim is “Don’t be evil,” has given itself over to a vision of the future in which human and machine morph into a monstrous hybrid.
- As Google’s cofounder Sergey Brin recently declared, “We want to make Google the third half of your brain.”
- Brin and Larry Page, the visionary entrepreneurs who together founded Google, are unabashed enthusiasts and promoters of what has come to be known as “**the Singularity**,” a vision of the near future in which human beings and machines merge so that illness, old age, and even death become things of the past.



# Anthroposophy Answers this Q

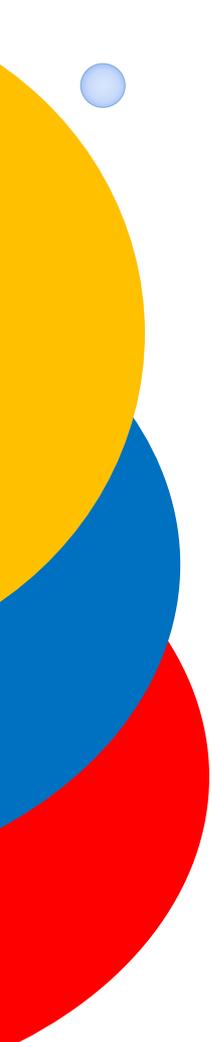
Yes, we must! *What???*

1. Ending of the Age of Incarnation (infertility) < 6000 CE
  - But physical earthly life must continue another 2000 years
  - Procreation through the larynx comes much, much later
2. “Weld” with machine
  - “The welding together of the human nature with the mechanical nature will be a problem of great significance for the remainder of earthly evolution.”
  - “It is not a question of the *what* in this case; the *what* is sure to come. It is a question of the *how*, how one tackles these situations. The *what* lies in the meaning of earthly evolution. “
3. Giving Ahrimanic beings a physical embodiment
4. Moral and mechanical belong together



# Wrong Polarity through Gemini

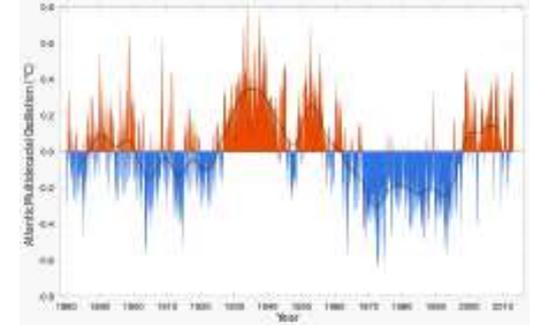
- “These forces, however, will be left aside by those who try to achieve their whole purpose through the polaric duality of positive and negative forces.
- The forces which enable the spiritual to stream down to earth with the aid of positive and negative magnetism come from Gemini; they are the **midday forces**.
- In ancient times it was known that cosmic influences were involved in this, and to-day even exoteric scientists are aware that in some or other way **positive and negative magnetism** lie behind Gemini in the Zodiac.
- The aim will be to paralyze all that could be gained through a revelation of the true duality in the cosmos — to paralyze it in a materialistic, egotistic way by means of the forces which stream in particularly from Gemini and can be placed entirely at the service of the **human “Double.”**
- – *The Wrong and Right Use of Esoteric Knowledge*, lecture 3, 25Nov1917, Dornach, GA 178



# Wrong Polarity through Sagittarius

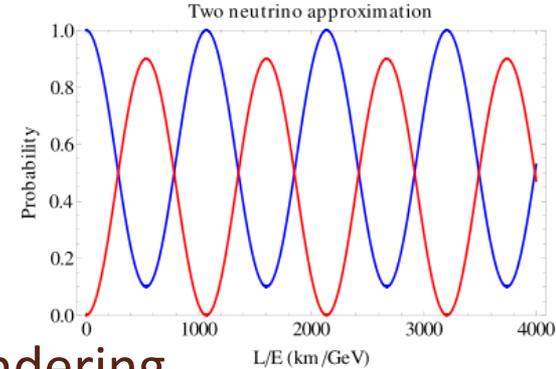
- “Other brotherhoods, concerned above all to divert attention from the Mystery of Golgotha, will try to make use of the duality in human nature — the duality which in our epoch embraces man as a unity, but includes within him his lower animal nature [sacrifice of Chiron].
- A human being is really a centaur in a certain sense: his humanity rests on his lower animal nature in its astral form.
- This working together of the duality in man gives rise to a duality of forces. This duality of forces will be utilized particularly by certain egotistic brotherhoods, chiefly from the side of **India and the East**, in order to mislead eastern Europe, whose task it is to prepare for the sixth post-Atlantean epoch. These are **Midnight forces**.
- And this will be done with the aid of the forces which work in from Sagittarius.” – *The Wrong and Right Use of Esoteric Knowledge*, lecture 3, 25Nov1917, Dornach, GA 178

# Secrets Disclosed



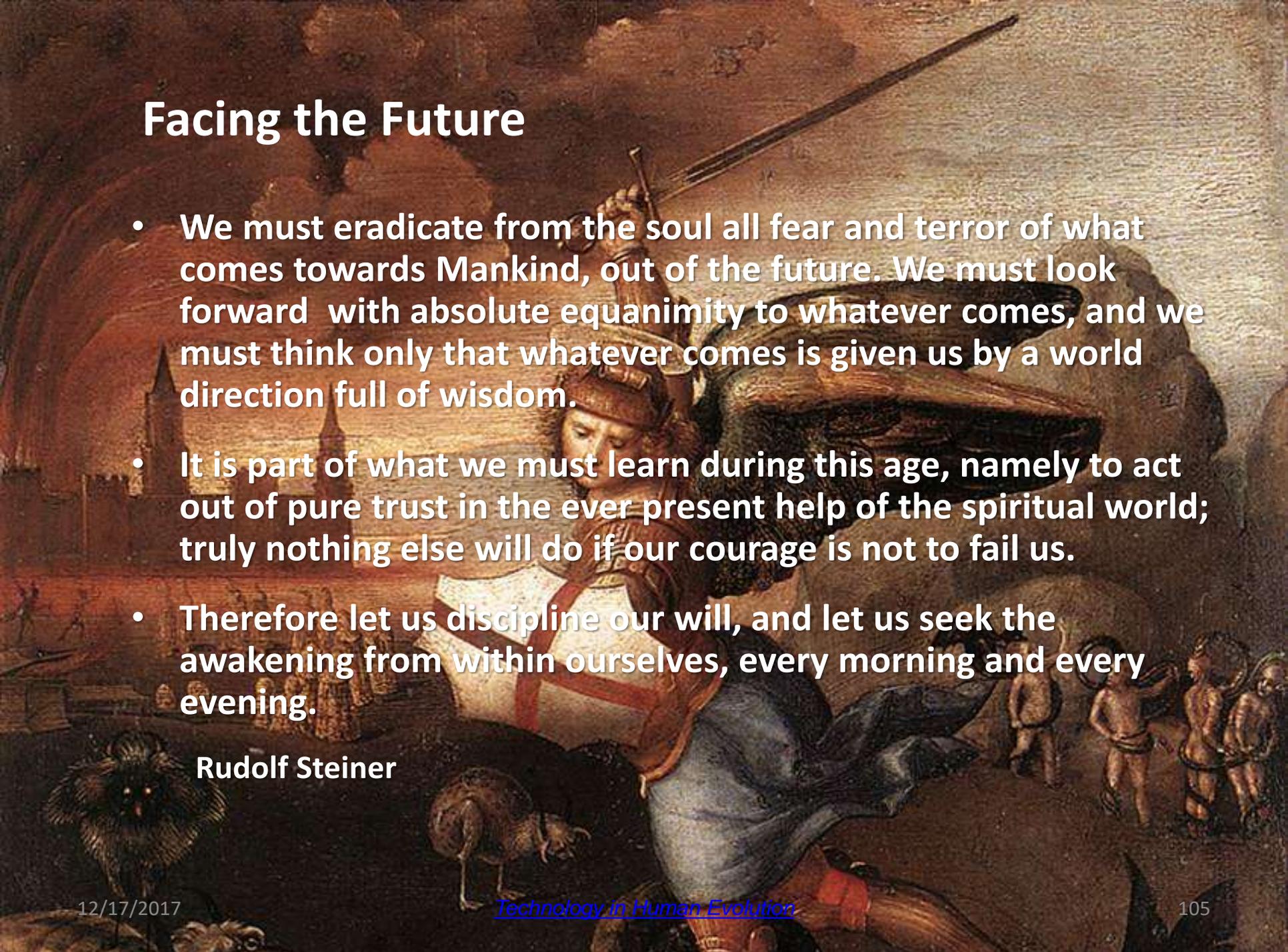
- “First, there are the capacities having to do with so-called **material occultism**. By means of this capacity — and this is precisely the ideal of **British secret societies** — certain **social forms** at present basic within the industrial system shall be set up on an entirely different foundation.
- 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.**”
- The Challenge of the Times, Lecture 3, 1Dec1918, Dornach, GA 186

# 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