

# DEALING WITH THE PRESENCE OF VULCAN BEINGS

Exploring The Western Path



*Seattle, WA*

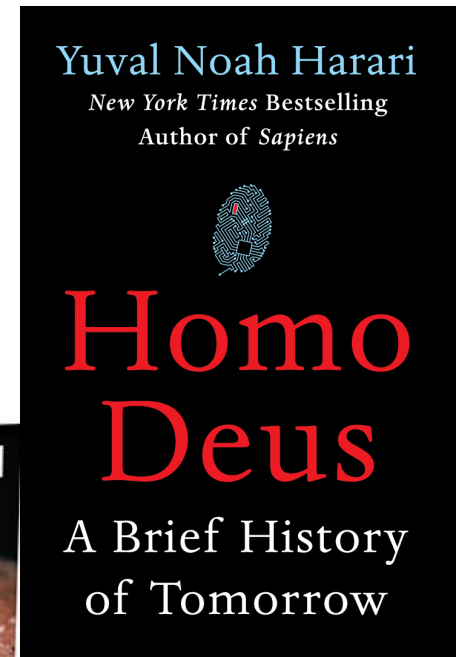
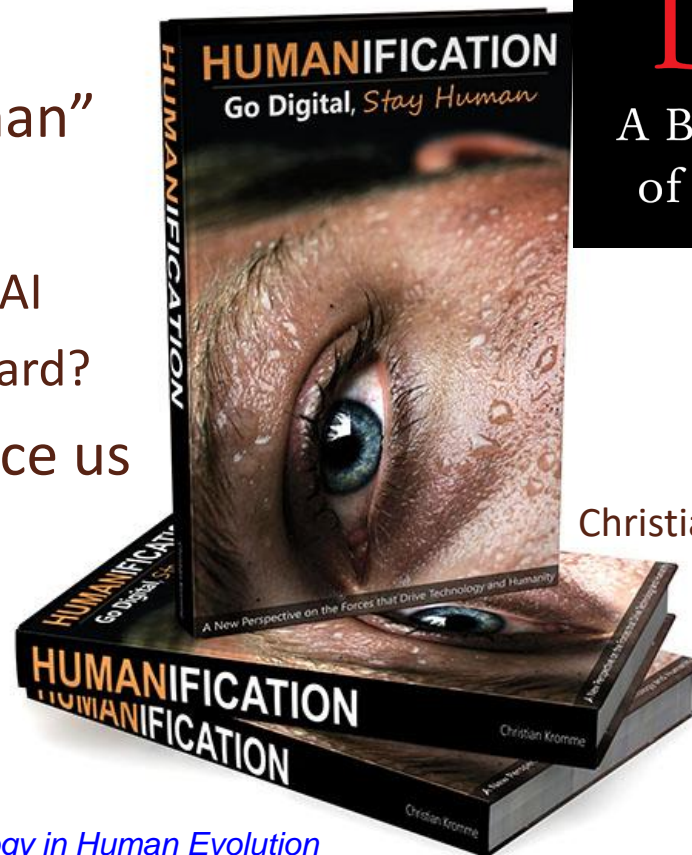
*Andrew Linnell*

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

[www.thechristianmysteries.org](http://www.thechristianmysteries.org)

# FOREWORD

- If Judas had failed, would you have had the courage to do it?
- “Go digital, stay human”
- [Future of Life](#)
  - Benefits and risks of AI
  - Is our voice being heard?
- Will SuperMen replace us mortal humans?



Christian Kromme



# OVERVIEW

- Futurologists such as Ray Kurzweil predict a time is coming when humans will merge with robotics.
  - “Over time, I think we will probably see a closer merger of biological intelligence and digital intelligence” – Elon Musk
  - Transhumanism: “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?
  - Importance of human imaginations for our future
- We will explore humanity’s help from Vulcan beings



# WHAT ARE THESE VULCAN BEINGS?

Where do they come from?

How do they affect human evolution?

What is their ultimate role (with humanity)?



# 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 recapitulation of Old Sun
  - Negative 'space'
  - For the advanced beings
- Today's moon also withdrew 'with coarser elements'
  - During Lemurian Epoch

# ESOTERIC SCIENCE: OLD SATURN



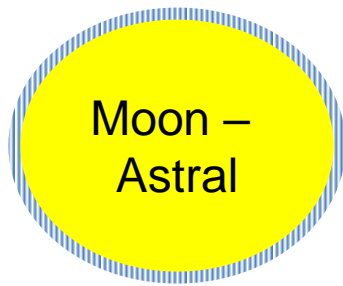
- Thrones sacrificed their substance
- 'Egg-shaped' **warmth** entitites
- Current Archai were at human stage

# ESOTERIC SCIENCE: OLD SUN



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

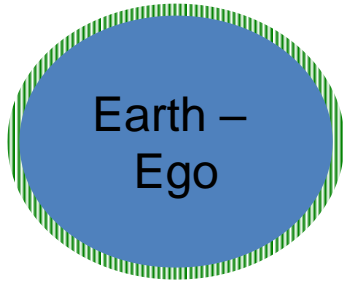
# ESOTERIC SCIENCE: OLD MOON



- Dynamis sacrificed their substance
- **Water-Air-Fire-Light-Chem/tone Ether**
- Traversals of the zodiac
  - Development of Wisdom
- Current Angeloi at human stage

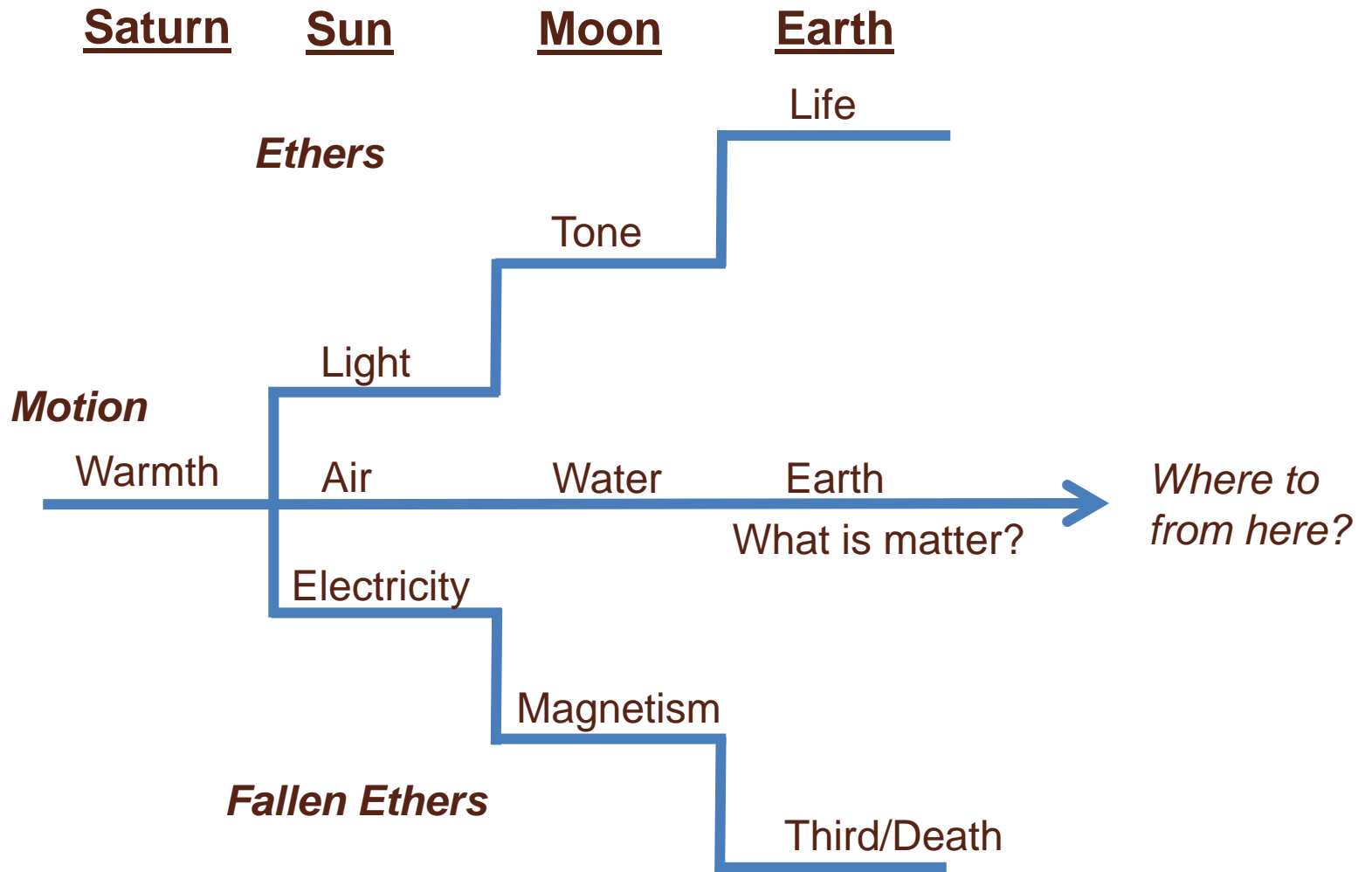


# ESOTERIC SCIENCE: EARTH



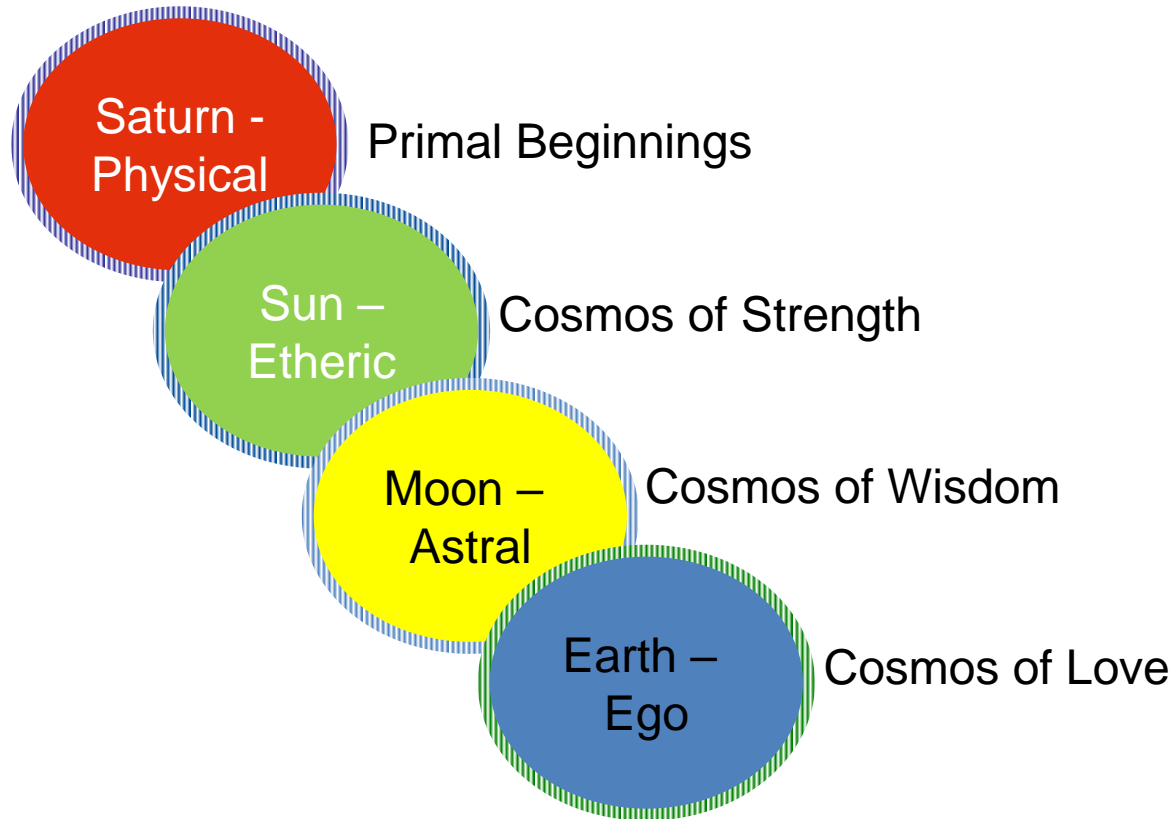
- Exusiai sacrificed their substance
- **Earth-Water-Air-Fire-Light-Chem-Life**
- Traversals of the zodiac
  - Love and Freedom
- We are now on the human stage

*WHAT'S NEXT IN EVOLUTION?*



# COSMIC EVOLUTION

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



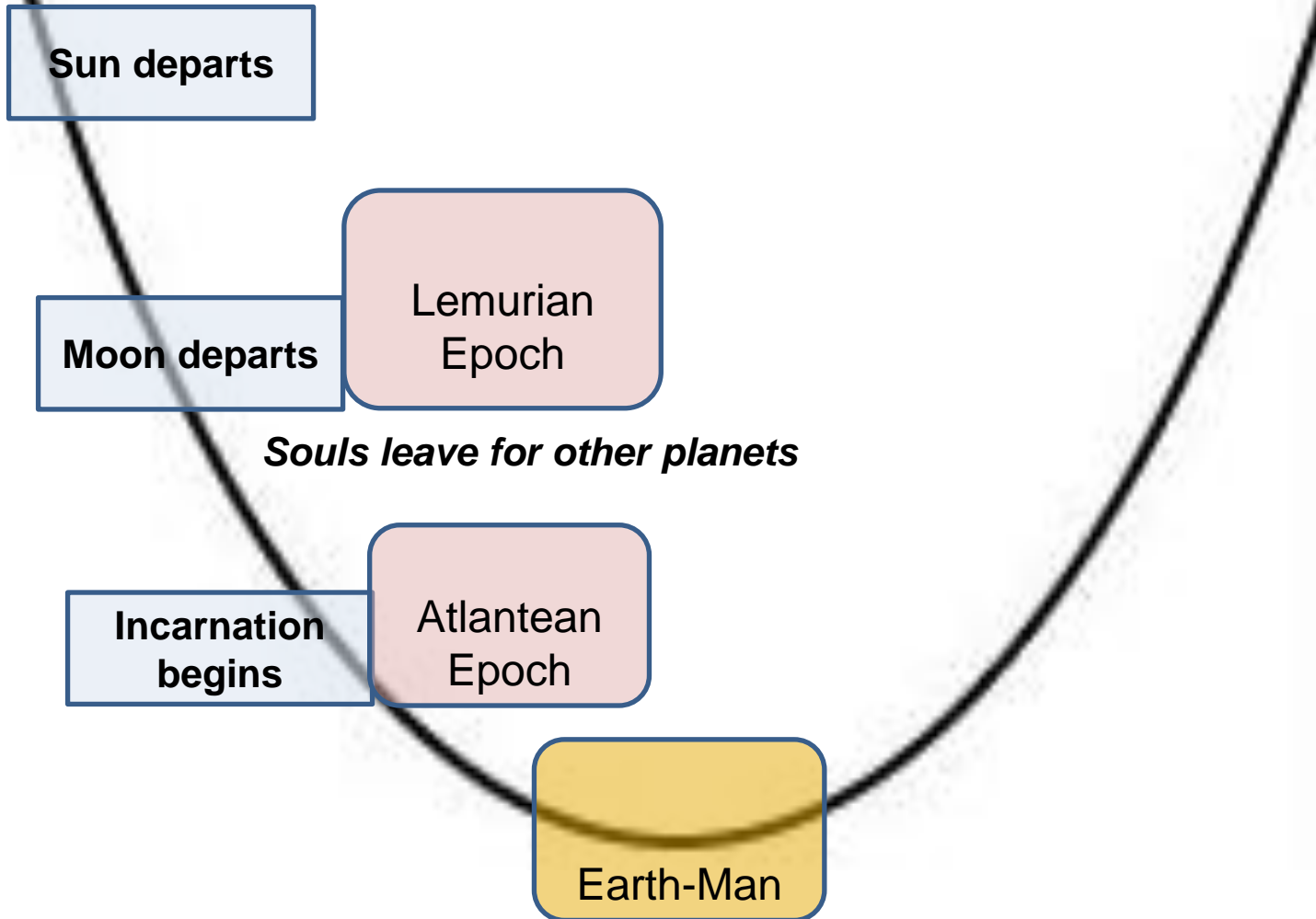
# EARTH EVOLUTION

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

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

# PAST EVOLUTION OF MANKIND

*Not to scale*





# 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. They could not have incarnated again on the earth.
- These beings then went to other cosmic bodies that had separated from the sun, namely, to Venus, Jupiter, Saturn and Mars. 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
- Return to earth: in groups from planets → races (Lemuria&Atlantis)



# 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.**”
- *The Principle of Spiritual Economy*, lecture 11, 31May1909, GA109

# POST-ATLANTEAN CULTURAL AGES (PACA)

PACA	Cosmic	Comment
1 <sup>st</sup> India	Saturn recapit	Recall Polarian
2 <sup>nd</sup> Persia	Sun recapit	Recall Hyperborean
3 <sup>rd</sup> Egypt	Moon recapit	Recall Lemuria
4 <sup>th</sup> Gr-Rm	HB here, MoG	Ego 'arrives', Atlantis
5 <sup>th</sup> now	Confronting evil	Deepest into matter Freedom, no recall
6 <sup>th</sup> Slav	Philadelphia	Wisdom→Love
7 <sup>th</sup> Americn	WAA, rescue, Moon returns	Purification, separate

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

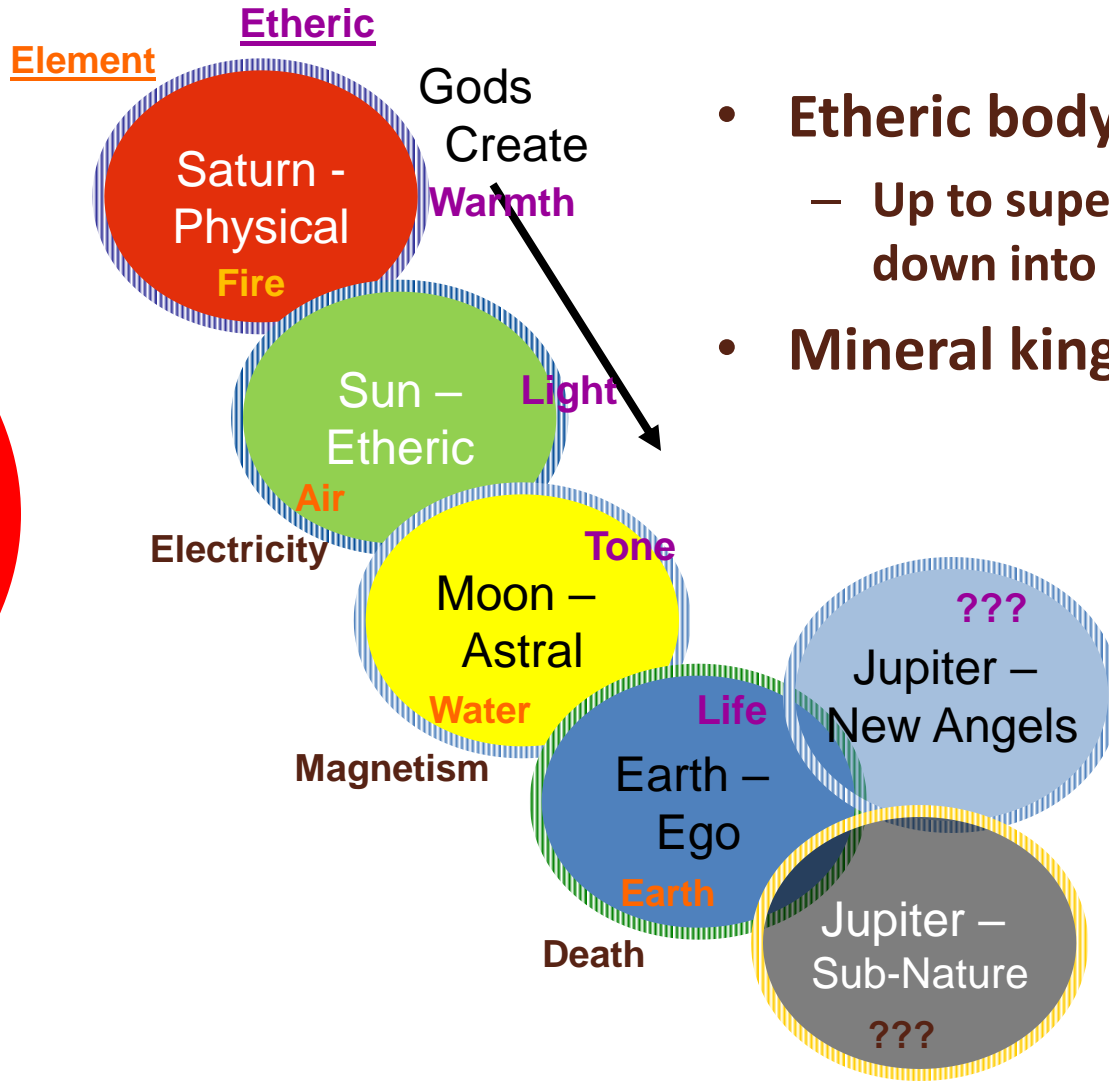


# FUTURE EPOCHS OF EARTH EVOLUTION

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, 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

# PREPARING FOR THE NEXT COSMIC STAGE OF THE HUMAN CONDITION



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



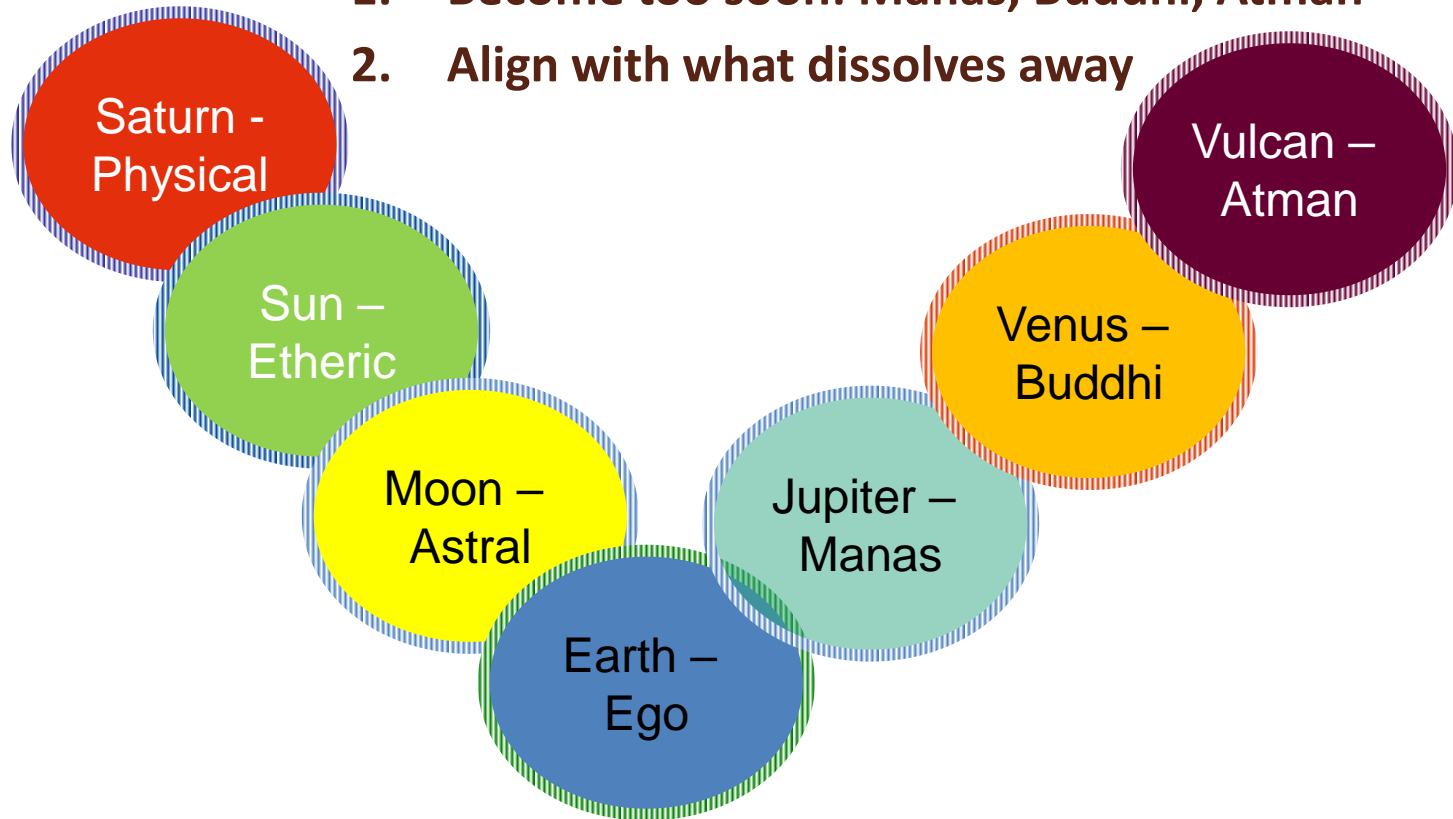
# BECOMING JUPITER MEN

- “For we shall only become Jupiter-men if we **unite physical heat with soul-heat.**
  - [Vulcan with Promethean]
- 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

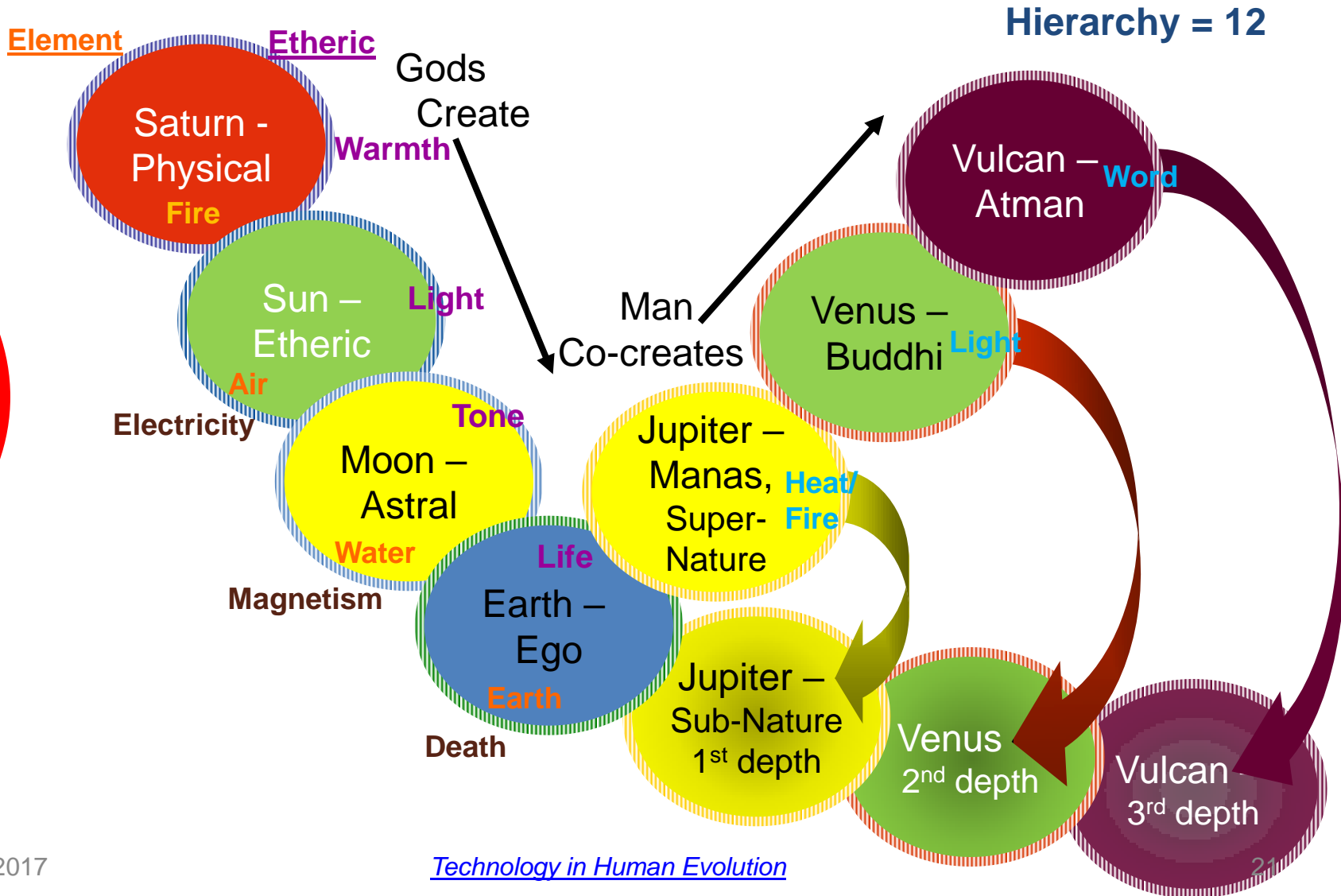
# COSMIC EVOLUTION

## Human Temptations

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



# 7 STAGES OF HUMAN CONDITION



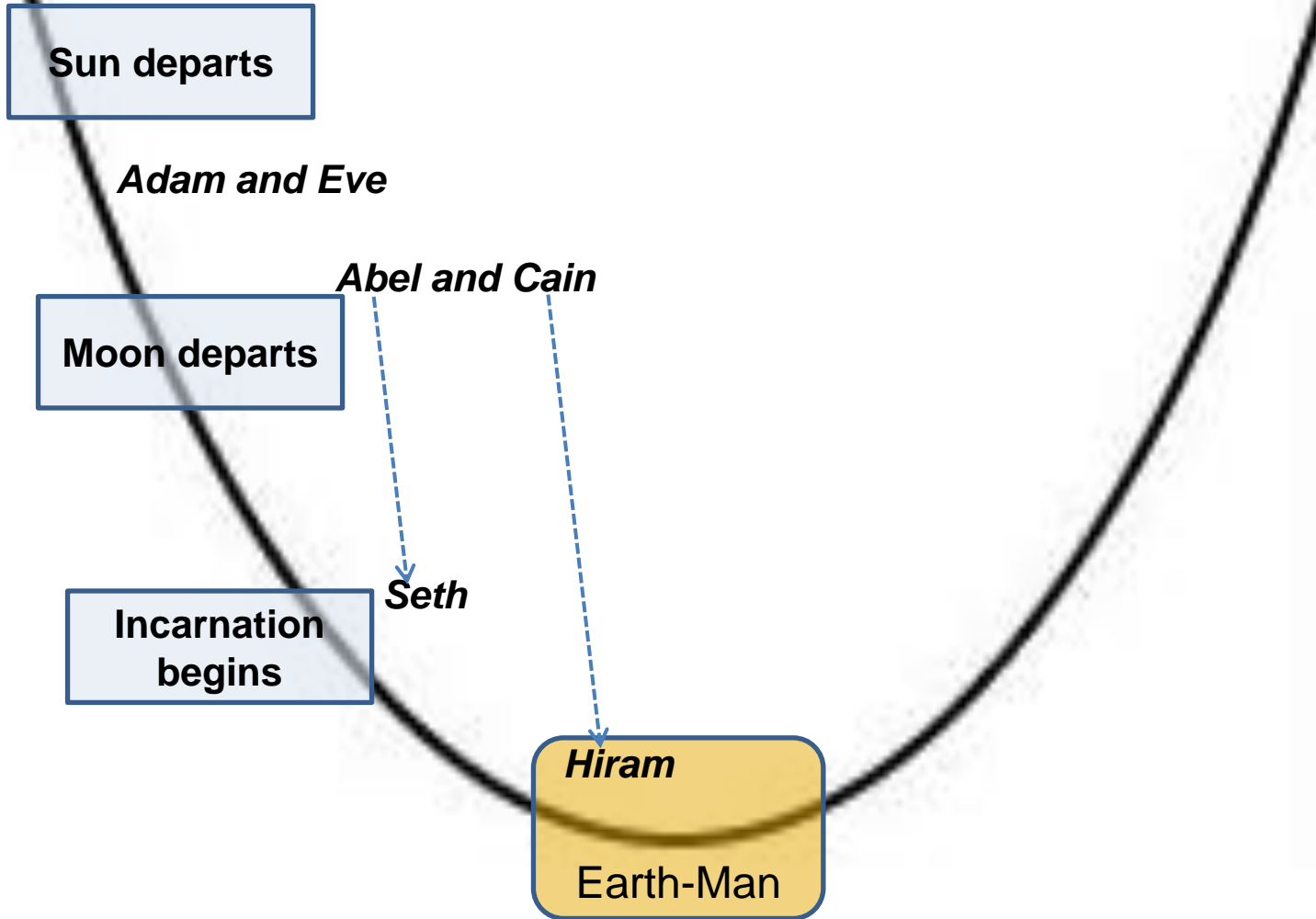


# INTRODUCTIONS → COMPLETIONS

- Not only Cosmic Evolution but also Cultural
- Recapitulations:
  - Laggard beings finish their evolution when conditions exist again
- New directions:
  - What spiritual beings introduce, humans complete in future
  - Evolution – Devolution
  - Level of spiritual being affects timeline to complete
- 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*





# THE TWO RACES OF MANKIND

## Abel

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

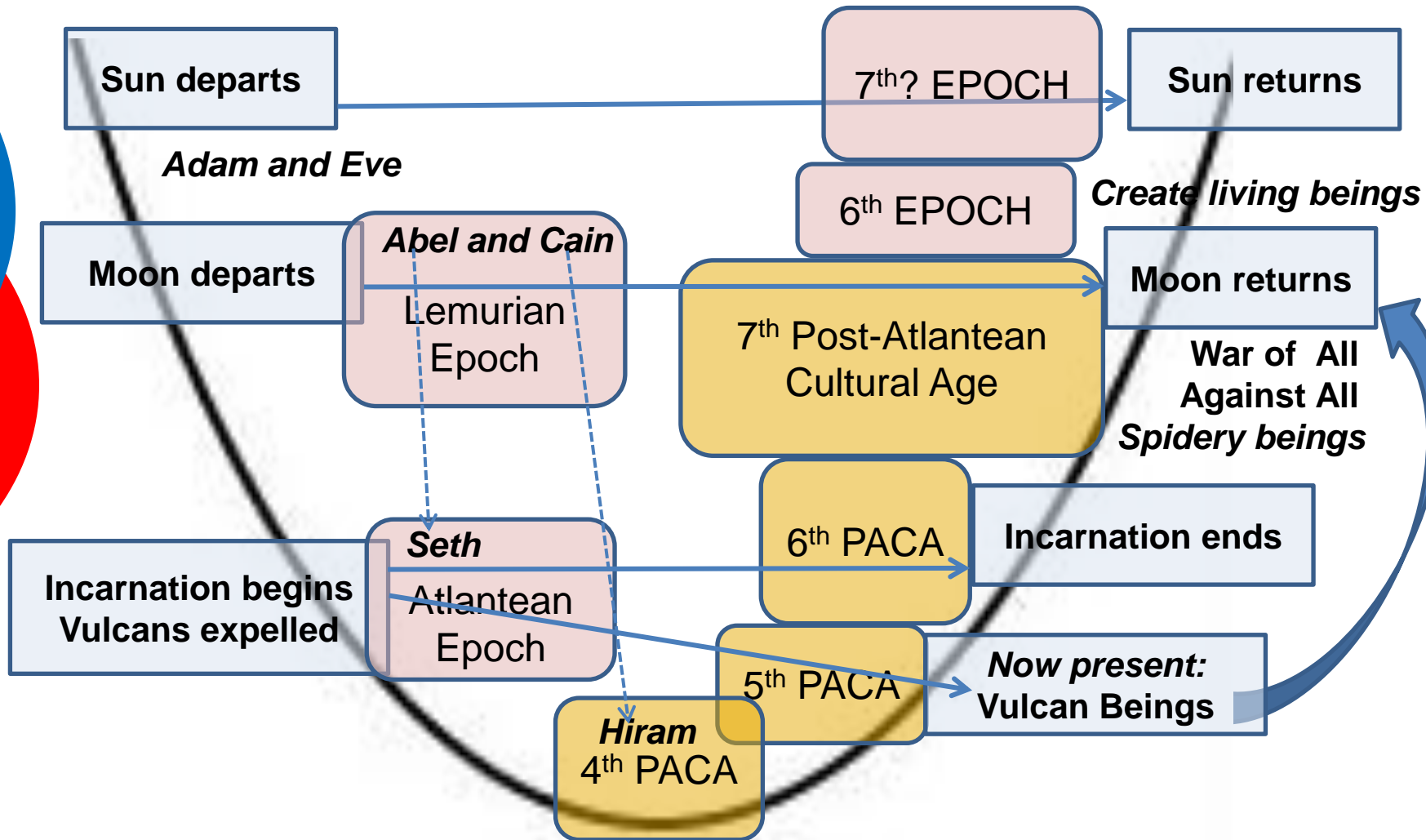
## Cain

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



# CYCLE OF EVOLUTION FOR MANKIND

*Not to scale*





# THE TEMPLE LEGEND

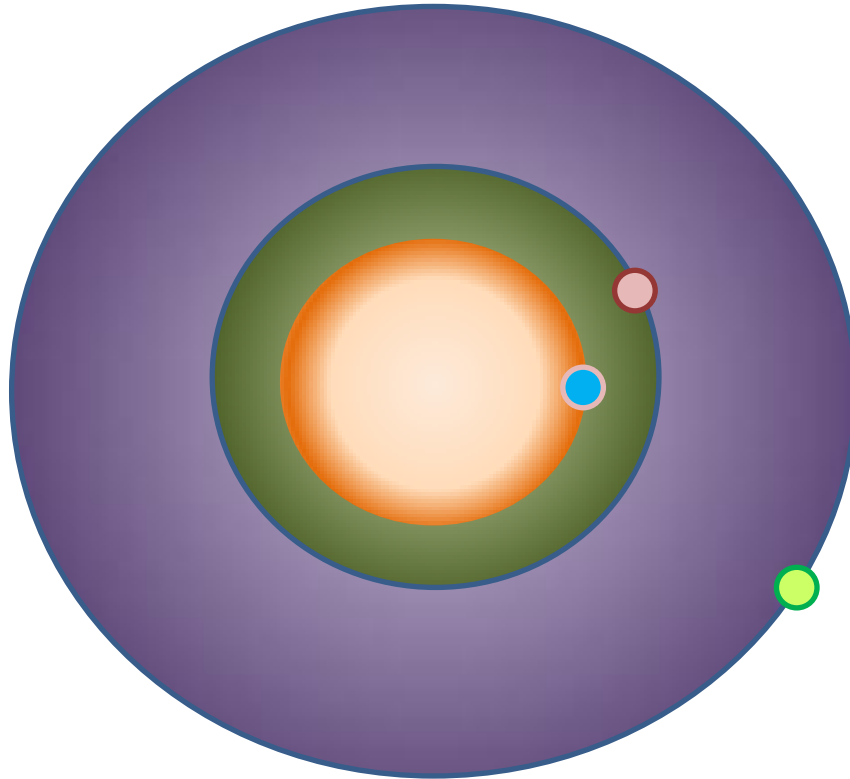
- At the close of the Sentient Soul Age (~950 BC)
- As Noah's Ark was the dimensions of PACA man, so was this Temple the archetype of mankind's future form
  - Yahweh is the God of form
- King Solomon: descendent of Abel, handsome, wise
- Hiram Abiff: descendent of Cain, fire, wise w/organizing
  - CRC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

# THE SPIRITUAL HIERARCHIES

Name	Role	Influence	Level/Goal	
Seraphim	Love	Speak2stars		
Cherubim	Harmony	Zodiac		
Thrones	Will	Saturn		
Kyriotetes	Wisdom	Jupiter		
Dynamis	Movement	Mars		
Exusiai	Form	Sun		
Archai	Personality	Venus	Atma	
Archangeloi	Fire	Mercury	Buddhi	
Angeloi	Twilight	Moon	Manas	

Source: *The Spiritual Hierarchies and the Physical World*

# COSMIC AREA OF INFLUENCE



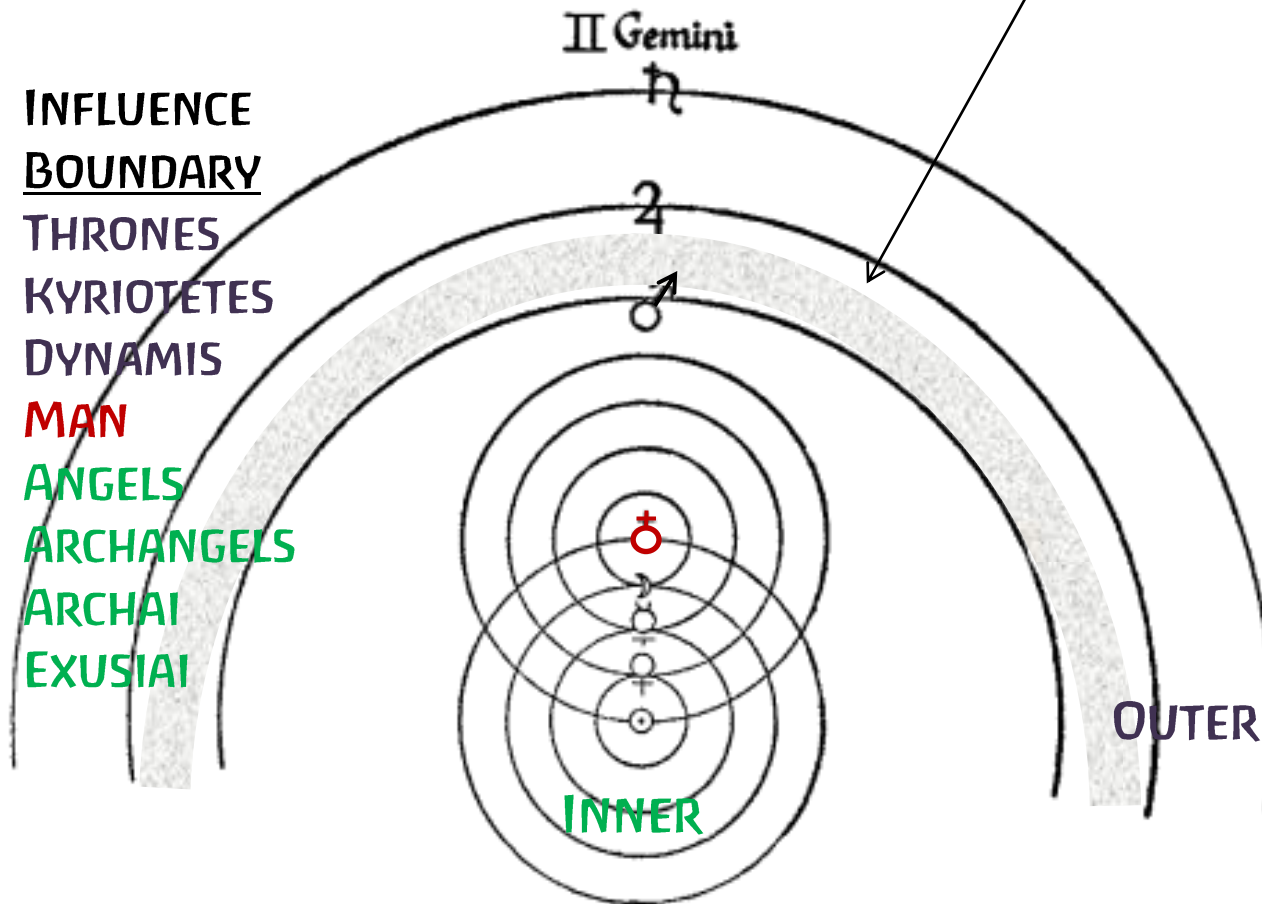
- INFLUENCE  
BOUNDARY**
- THRONES
  - KYRIOTETES
  - DYNAMIS
  - EXUSIAI
  - ARCHAI
  - ARCHANGELS
  - ANGELS

**WHERE  
ARE THE  
VULCANS?**

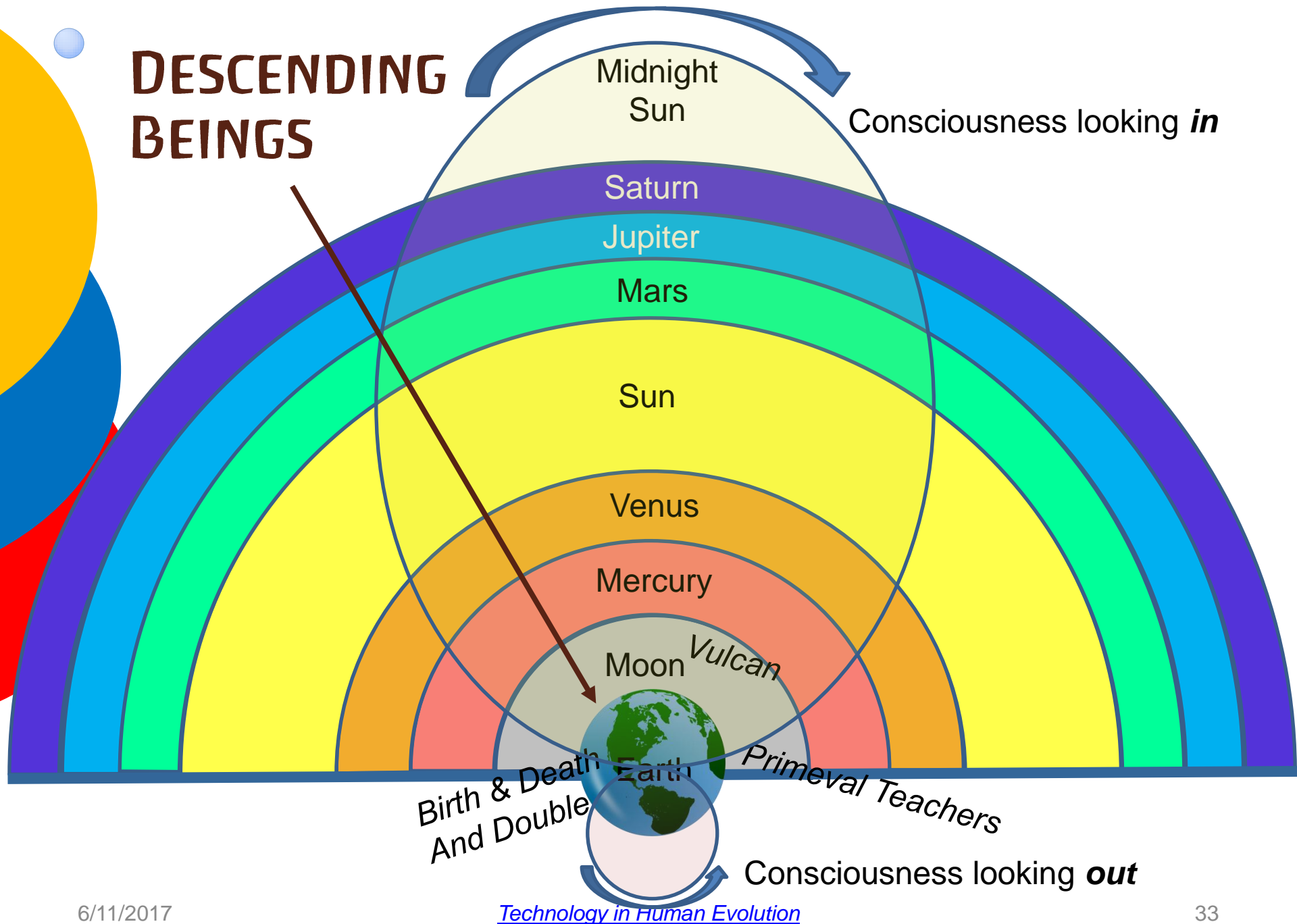
**HELIO- OR GEO-CENTRIC?**

# COSMIC EVOLUTION

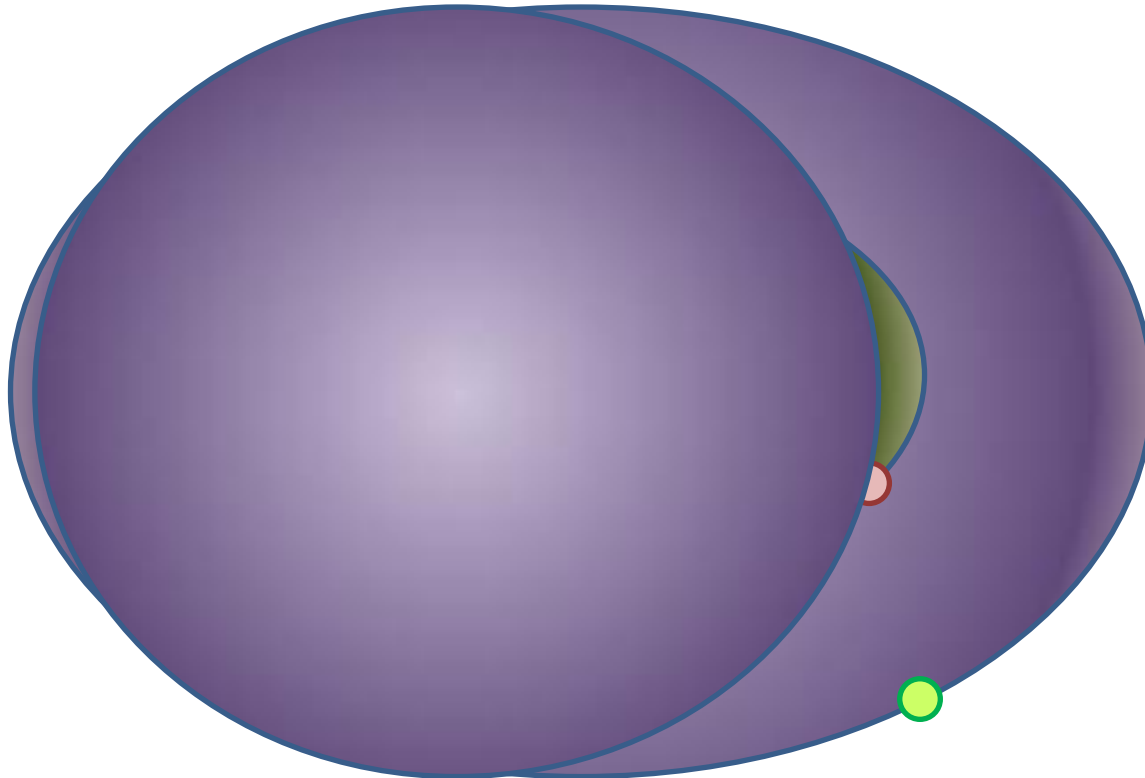
		<u>INFLUENCE</u>	<u>BOUNDARY</u>
Saturn	= ♄	THRONES	
Jupiter	= ♃	KYRIOTETES	
Mars	= ♂	DYNAMIS	
Earth	= ♁	MAN	
Moon	= ☾	ANGELS	
Mercury	= ☿	ARCHANGELS	
Venus	= ♀	ARCHAI	
Sun	= ☉	EXUSIAI	



# DESCENDING BEINGS



# ELLIPTICAL ORBITS



- INFLUENCE  
BOUNDARY**
- THRONES
  - KYRIOTETES
  - DYNAMIS
  - EXUSIAI
  - ARCHAI
  - ARCHANGELS
  - ANGELS

**AN ELLIPSE HAS TWO 'CENTERS': SUN AND ? 'EARTH'?**

**"SUN HAS 99.9% OF THE MASS IN THE SOLAR SYSTEM"**

**KEPLER'S 3<sup>RD</sup> LAW:** Neither the linear speed nor the angular speed of the planet in the orbit is constant, but the *area speed* is constant.



# HUMANS LEAVE THE EARTH AND 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
- In Atlantis man was the last being to enter the earth
- All men returned to earth from the other planets by 1879
- 1880: now beings from cosmic regions could 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 our Spiritual Science*

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





# VULCAN ORACLE (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 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 initiates, on the other hand, laid the basis for the knowledge of the more supersensory things, and to a still higher degree, this was done by the Venus initiates
- They 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
- More in a finished state
- Expressed themselves in symbolic pictures

## The Christ-Initiates

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



# GIANTS, NEPHILIM, RAHKSHASAS

- “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.
- 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”
- -- *An Outline of Occult Science*, Chapter IV, The Evolution Of The Cosmos And Man



# FOLLOWING 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 DESTRUCTION OF 5<sup>TH</sup> PACA

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

- Were the Rahkshasas 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*



# WHAT ARE VULCANS NOW TRYING TO DO?

- “These Vulcan Beings, from between the Moon and Mercury [what we call Venus today], are trying to obtain a **foothold in earthly existence**.
- They seek to be the **fore-runners** of the end of the earth and the **return of the moon**.
- “Our shadowy intellectual understanding must be re-activated by the pictures of Spiritual Science. Shock after shock will arise and the earth will dissolve into chaos **if these Beings meet with opposition** from humanity.” -- *Evolution Of Human Freedom And Personal Consciousness*, 19Jan1905, no GA



# BAD MANNERS TOWARDS VULCANS

- Vulcans, from between the Moon and Mercury, are trying to obtain a foothold in earthly existence
  - They seek to be the *fore-runners* of the end of the earth and the return of the moon
  - Vulcans will continue to descend
- The human race does not welcome these Beings
  - As a whole, we ignore them
  - This will bring the Earth into a tragic condition ultimately
- Mankind will not understand their speech except by understanding Spiritual Science which should transform the social environment
  - Our shadowy intellectual understanding must be re-animated by the pictures of Spiritual Science
- Shock after shock will arise and the earth will dissolve into chaos if these Vulcans meet with opposition from humanity
  - If mankind will not unite with the Vulcans he will have to unite his own being as far as it is not spiritual with that future spider race

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





# ARE VULCANS GOOD OR BAD?

- “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 actually coming into the realm of earthly existence.
- **Super-earthly Beings are already here**, and 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
- These Beings of whom I have spoken will gradually come down to the earth; Vulcan Beings, **‘Supermen’ of Vulcan**, **‘Supermen’ of Venus**, of Mercury, of the Sun, will **unite** with this earth-existence” -



# RIGHT ATTITUDE TOWARD AHRIMAN

- “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, 28 December 1919
- “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.
  - It will therefore not be difficult to see that not only has man, as he stands before us, been created out of worlds that go as far as the third super-sensible consciousness, but he has connection also with yet higher worlds.” -- Christiania, 12Jun1912



# 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



# ANTHROPOSOPHY GOES ON TO SAY

- “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*

# MERGING MAN AND MACHINE



- “The point is **not what** is going to happen, for it certainly will happen, but **how** it happens — how these things are handled.
- **The welding together of human beings with machines will be a great and important problem for the rest of the earth-evolution.**
- I have often pointed out, even in public lectures, that human **consciousness depends on destructive forces**. During public lectures in Basle I twice said that in our **nerve-system we are always in process of dying**. These *forces of death* will become stronger and stronger, and we shall find that they are *related to the forces of electricity and magnetism, and to those at work in machines.*”
- *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

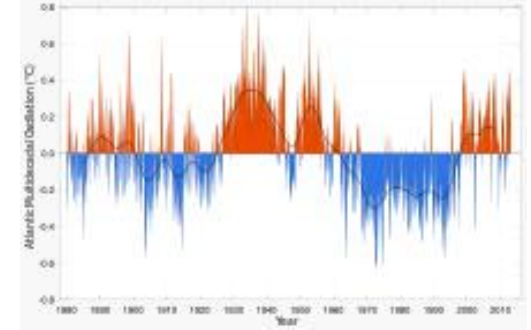


# MERGING MAN AND MACHINE

- “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

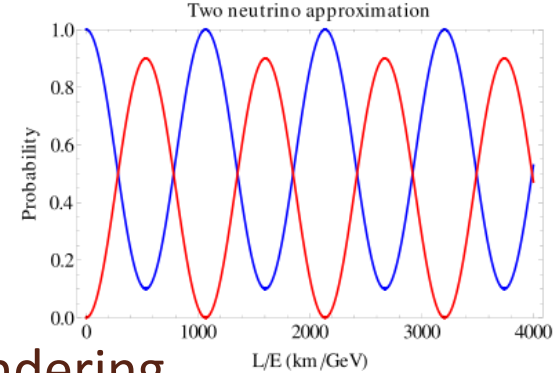


# SECRETS DISCLOSED



- “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

# AND SO IT BEGINS

## Emancipation: Disabilities, Stroke, Paraplegics

- EEG skull cap
- Monitors activity
- Signatures = action



Source: <https://futurism.com/experimental-brain-implant-lets-a-paralyzed-woman-communicate/>  
Passive BCI: fusing BCI technology with cognitive monitoring, providing information about the users' intentions, situational interpretations and emotional states to the technical system.  
<http://iopscience.iop.org/article/10.1088/1741-2560/8/2/025005/meta>

# WEARABLE ROBOTICS

- “I'm getting quite lately regarding companies, Ekso Inc.(OTC:EKSO).
- “As you know, the one of the most Trends of all - and profitable, too - **Augmentation**. So revisit EKSO and, update some of that's going on.”

- [www.totalwealthresearch.com](http://www.totalwealthresearch.com)
- <http://futurism.com/paralyzed-monkeys-able-to-walk-again-with-brain-implant-human-trials-are-next/>



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

# EXOSUITS

- <http://biodesign.seas.harvard.edu/soft-exosuits>
  - Discovering the genius that built the human body





# 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



# WHAT AI & ROBOTICS WILL DO

- Emancipation
  - Labor (paying people for their labor, is an illusion)
    - Universal Basic Income
  - Personal catastrophes
  - Dead thinking (transcranial direct current stimulation?)
  - Physical body
- New life
  - Social, groupings, intelligence-equality
  - Freedom for creativity
  - Breakthrough to spiritual science
  - Experience body as a sheath, a “raincoat”



# MYTHS

- Super AI / Robotics Takeover
  - [But catastrophes will occur]
- Exponential growth of intelligence
  - [But more and more 'things' will have intelligence]
  - Faster is more intelligent
- Intelligence is mind (or thinking)
  - Intelligence is (self plus better) creative





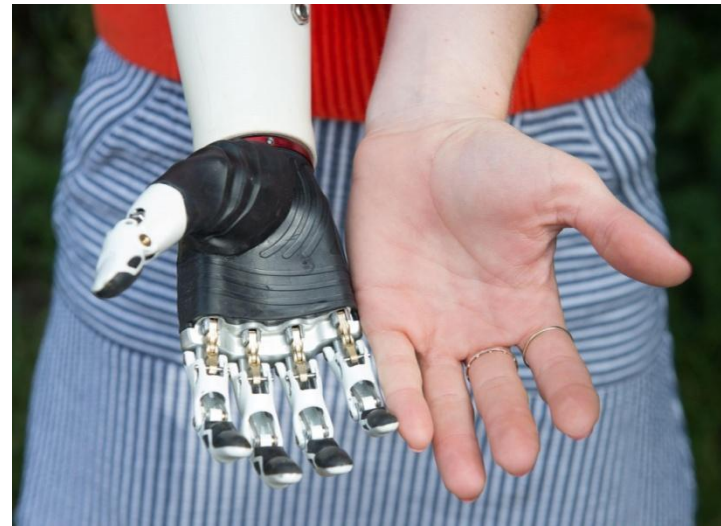
# SOME OTHER DANGERS

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

spirit

soul

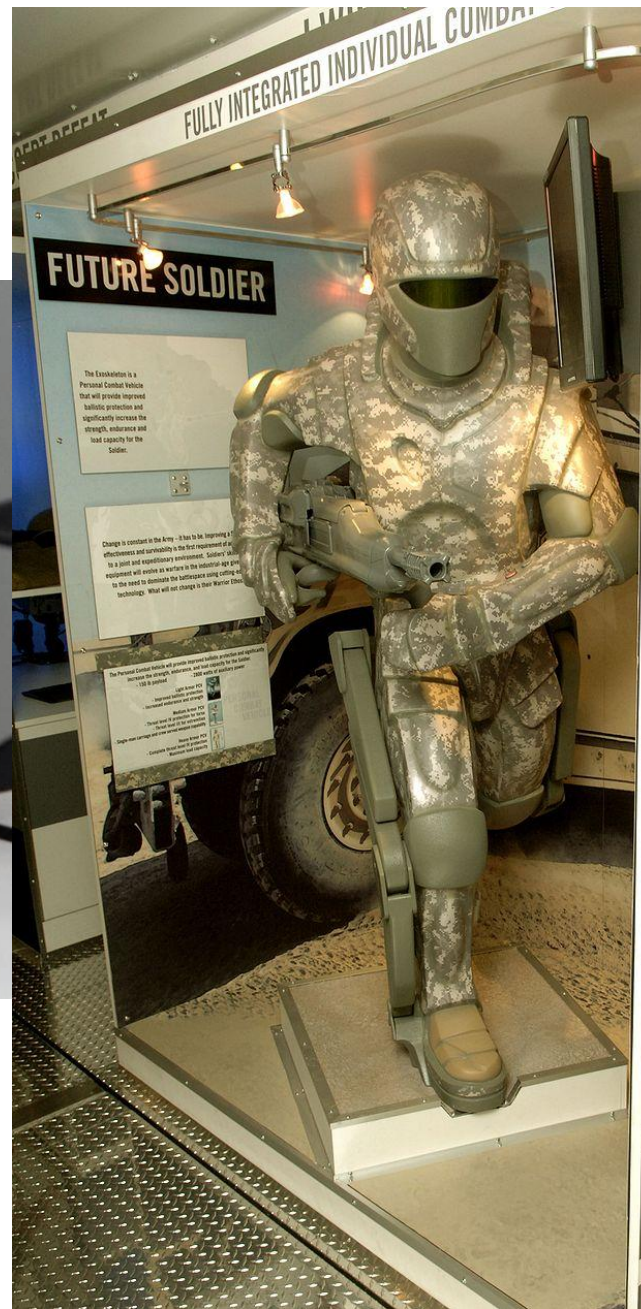
life



# THE STATE OF MERGING: LIMBS

Limbs relate to our future, head from our past  
Myth of Oedipus

# SLIPPERY SLOPE





# OUR WORLD IS CHANGING LECTURE 2

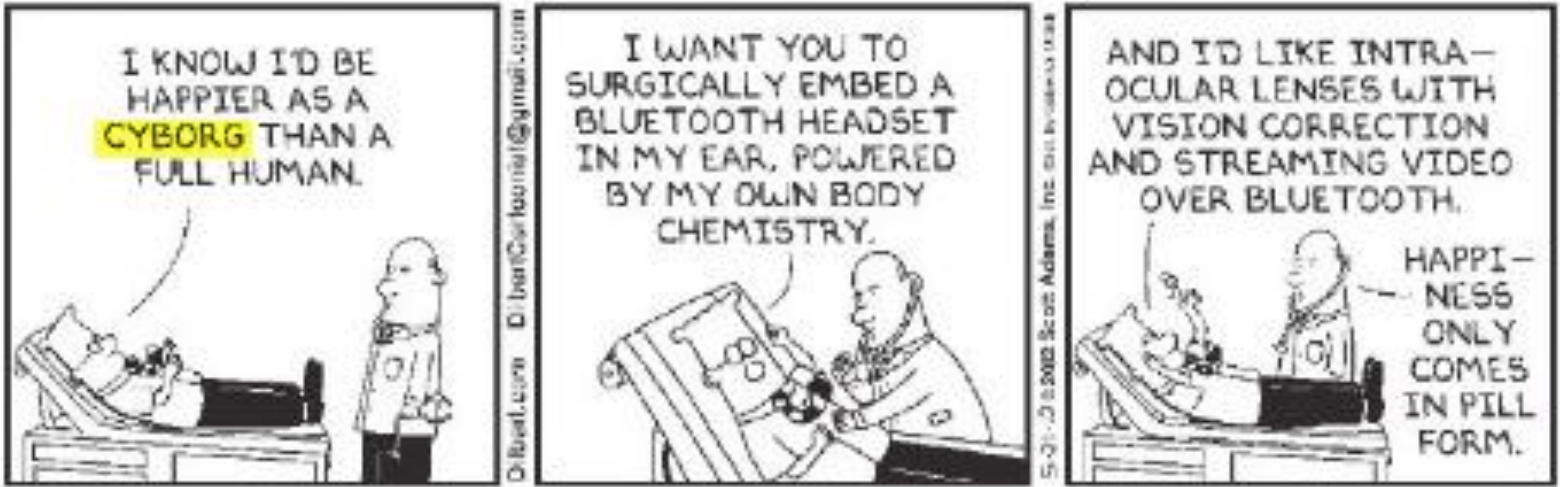
**Shall we bemoan it or embrace it?  
Turn cold and scorn it or feel enthusiasm for  
the work to be done?**

“‘Yes,’ said Gandalf. ‘If you have walked all these days with closed ears and mind asleep, wake up now!’ He knocked on the door.”  
— J.R.R. Tolkien, *The Lord of the Rings*

spirit

soul

life



# MACHINES ENTER OUR FEELING LIFE



Trailer 3 [Play](#) 2:32

Trailer 2 [Play](#) 2:29

Trailer [Play](#) 2:03

### Ex Machina <sup>TM</sup>

In Theaters April 10th, 2015 | © 2015 A24 [Details](#)

A young programmer is selected to participate in a breakthrough experiment in artificial intelligence by evaluating the human qualities of a breathtaking female A.I.

[f](#) [t](#) [Official Website](#) ▶

Director: Alex Garland  
Writers: Alex Garland  
Actors: Oscar Isaac, Domhnall Gleeson, Alicia Vikander  
Genre: Thriller, Science Fiction

Seduction of AI, **Fear of Machines** “taking over”, is this from Michaelic Insights? Robotic moral code?  
How is Ahriman to be met, balanced?



# FEAR OF ROBOTS TAKING OVER

- Robots “learning” bad behavior
- Robots “becoming” immoral
- Robots built for military
  - Given a decision making role during emergencies
  - “Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last, unless we learn how to avoid the risks. In the near term, world militaries are considering autonomous-weapon systems that can choose and eliminate targets.” wrote Stephen Hawking The Independent 2014
- HAL
- Stephen Hawking, Elon Musk, and Bill Gates Warn About Artificial Intelligence
  - “our greatest existential threat”



# “I LOVE MY APPLE”

- “It’s in Apple’s DNA that technology alone is not enough.
- That it’s technology married with liberal arts, married with the humanities, that yields us the result that makes our hearts sing.”
  - Steve Jobs when announcing iPad2, March/2011
- Balancing
  - Cold Ahriman with
  - Warm Lucifer
- But **Love** our machines?



# OUR GOAL: DEVELOP LOVE AND FREEDOM

- Pygmalion
- He fell in love with it
- Pygmalion
- He fell in love with it like a woman
- When he finished the first statue
- Pygmalion

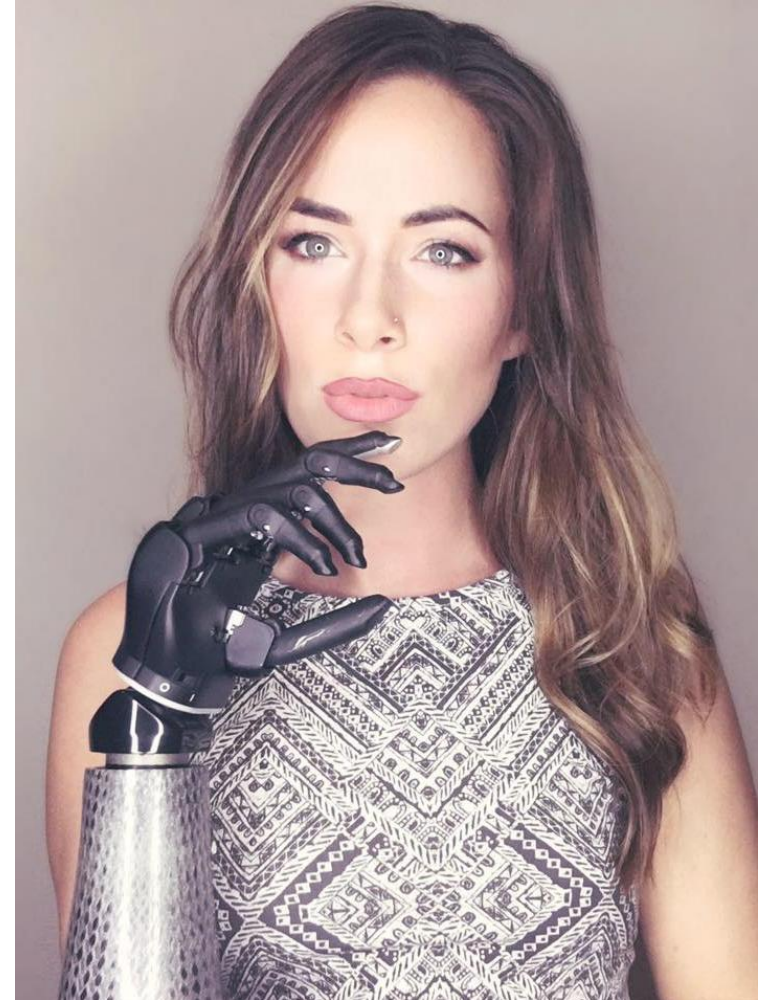


ry  
love with  
odite  
living  
e, he  
in he

*Pygmalion* by Jean-Baptiste Regnault, 1786, Musée National du Château et des Trianons

# WHAT CAN WE FALL IN LOVE WITH?

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



# HUMANOID ROBOTICS

- [5 Most Advanced Humanoid Robots USA/JAPAN](#)
  - Honda’s Asimo, Boston Dynamics’ Atlas, Aldebaran’s Nao,
- Abyss Creations, RealDolls, [Robotica](#) NYT video
- [Hanson Robotics](#) “we bring robots to life” [TED talk](#)
  - “We aim to bring-to-market the most compelling and engaging humanlike robots with greater-than-human wisdom, that are capable of developing a deep, trusted relationship with people. Our mission is to create a better future for humanity by infusing artificial intelligence with kindness and compassion, achieved through millions of dialogs between our robots and the people whose lives they touch.”

[Video](#) on 13 humanoids



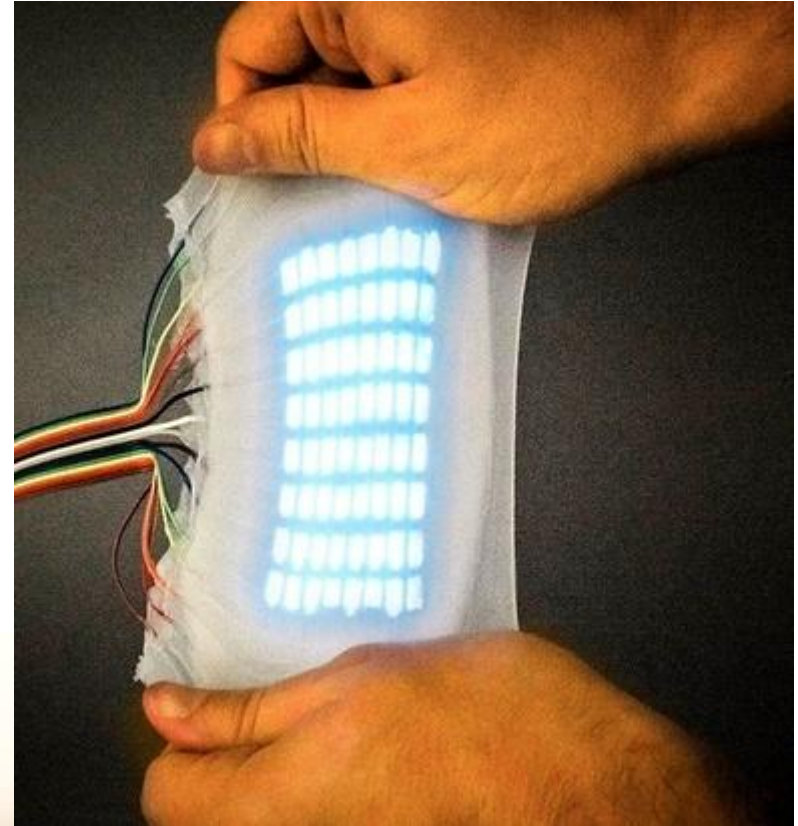
# WILL ROBOTS REPLACE MEN?

- “By 2050 all sex will be with robots”  
<http://www.bbncommunity.com/robots-are-being-made-to-replace-men-by-2025/>



# OTHER ROBOT DEVELOPMENTS

- Skin
- “At least one in 10 U.S. homes is expected to have a consumer robot by 2020”



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

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



# ROXXXY THE 'HEALTHCARE' SEXBOT



- 2011 technology
  - Has conversations with you but never says “not tonight dear”
  - Multiple artificial personalities (set from a menu)
  - e-skin is responsive to touch
  - Change body parts
- 
- Will have simulated orgasm (dial for speed, simultaneous)
  - Sadly, for many the point is, better to have a relationship with a robot than no relationship at all
  - “Ain’t nothing like the real thing, baby” – or will this too change?
  - More sex robots: <https://www.youtube.com/watch?v=wLVOnVsLXqw>



# SCARLETT JOHANSSON ROBOTS CREATED BY HONG KONG NATIVE RICKY MA



<http://www.techinsider.io/scarlett-johansson-robot-photos-2016-4>

# SEX AND VIRTUAL REALITY

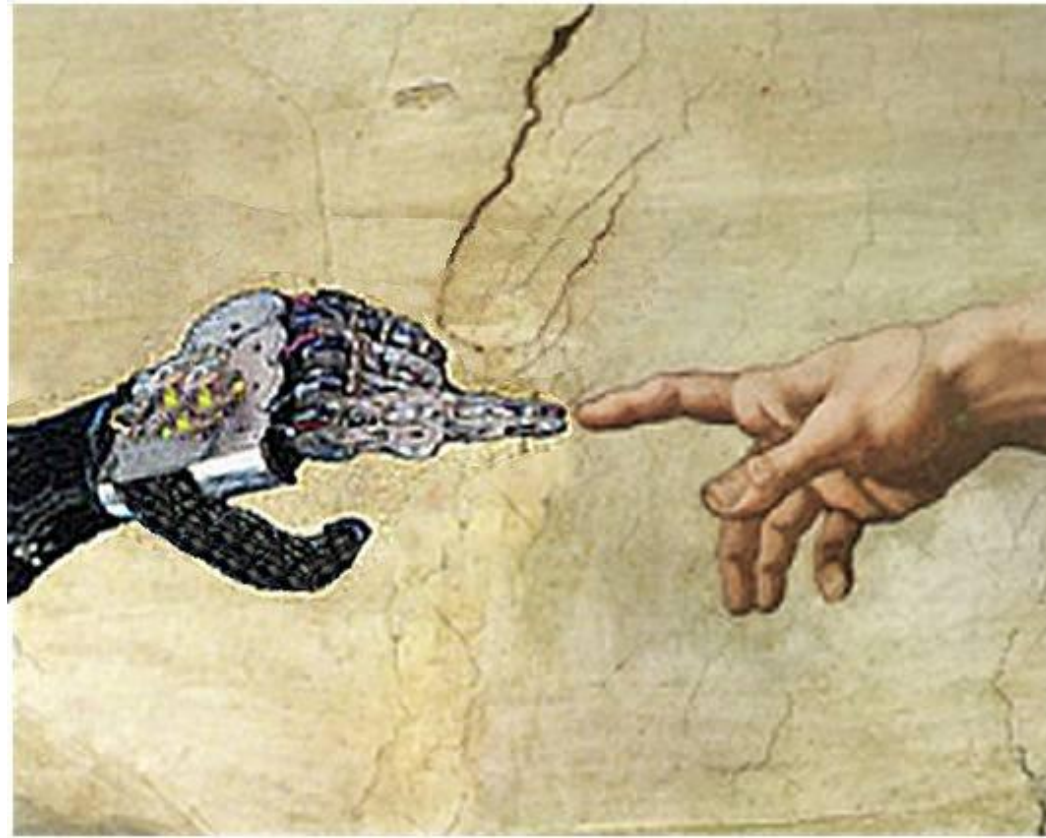
- Porn sites drove e-business on the internet
  - Will they drive virtual reality (or will gaming)?
- Sex through a pair of Avatars:
  - Enter your partner's avatar to experience through it
  - [http://www.huffingtonpost.com/2015/01/29/future-of-sex-podcast\\_n\\_6569838.html?utm\\_hp\\_ref=technology](http://www.huffingtonpost.com/2015/01/29/future-of-sex-podcast_n_6569838.html?utm_hp_ref=technology)
  - Will it become mainstream?
- Does it affect the coming infertility?
  - Will people become possessive of their sexbots?
  - Will people prefer the 'safety' and guarantee of their sexbot?
  - Will parents buy their adolescent children a sexbot?

The logo for OhMiBod REMOTE, featuring the brand name in white text on a blue background with a small red antenna icon above the 'i' in 'Bod'.

spirit

soul

life



## END PART 2



# 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



# THE WESTERN ESOTERIC PATH

- RC meditation as a "symbol of human development" that illustrates the transformation of human instincts and desires, which work unconsciously in the soul, and in thought, feeling, and the will. Through personal development, the "I," or essential self, can gain mastery over these unconscious forces of the soul. The Rose Cross meditation features the red rose as the image to which a student, via specific means, aspires. Added to the plant is the black cross, which points to the mystery of death and resurrection and provides a symbol of the higher development of the human "I." The metamorphosis of the roses and the cross into the symbol of the Rose Cross is brought about by the one's inner efforts, creating an entirely new image. This becomes the starting point for further steps along the meditative path. The Rose Cross meditation is the only pictorial meditation whose content and structure Steiner described in such detail.



## 5 MINUTE BREAK

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, 28 December 1919



# RECAP



## Tuesday 7pm: Exploring Foundations for a Moral Technology

- Steiner referred to harmonious oscillations that will enable such emanations to drive engines of the future.
- He pointed especially to America where such technology should arise.